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GOLMAN'S RURAL WORLD

LEVI CHUBBUCK,

New York City.

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St. Louis, Mo. Advertising rates furnished on application. Advertisers will
find the RURAL WORLD one of the best
advertising mediums of its class in the
United States. D. A. Watts, Traveling
Representative. P. O. address Lebanon,

developed a tenderness which would make the buds easily susceptible to cold. Fear of injury to the wheat is occasioned by the general lack of snow protection, but we think the plant has unusual vitality and will be able to withstand the ill effects of the cold wave.

The Arkansas State Horticultural Society will hold its twentieth annual meeting in Little Rock, Feb. 7-8. An unusual effort is being put forth to make this the best and most important meeting the society has ever held. An excellent program has been arranged, which will include subjects of such vital interest to Arkansas horticulturists that there should and doubtless will be a large attendance from all parts of the state. There will be reduced rairroad rates on all roads reaching Little Rock, and reduced hotel rates. S. H. Nowlin, Little Rock, is the president, and Will L. Harding is secretary, either and Will L. Harding is secretary, either witt gladly give further in tion regarding this meeting.

OLEOMARGARINE.

In response to an inquiry from the Na-tional House of Aepresentatives, the Sec-retary of the Treasury states that the to-tal shipments of oleomargarine (for the year 1899 we presume) were 79,657,748

To supply this weight of butter in James W. Wadsworth, Chairman Con

margarine (as a side line) who have ab orbed the business of 20,000 or more dairy mers, and thus compelled them largely become hog and cattle raisers, have gence and character of the employes of the stockmen believe that they, the the Weather Bursen. farmers, and thus compelled them largely to become hog and cattle raisers, have made the stockmen believe that they, trebogus butter makers, were the friends of the weather Bureau. The work of this Bureau is such as to the beef and pork raisers by adding to the selling value of their cattle and hogs. Who dees not know that these eleo makers and meat packers will take advantage to the smallest fraction of a cent of the knowledge which will at the selling value of the ers and meat packers will take advantage to the smallest fraction of a cent of the influence of a large run of cattle and hogs to market? that but a small proportion of the ingredients of oleomargaring come from the animals slaughtered for meat? that if the bogus butter makers can kill off the large bulk of the dairy business and drive the dairymen to cattle and hog raising, they will by this simple means hold the farming interests of this land in the hollow of their hands?

Dairying, in the relatively large amount

The Weather Service is of very great

The Weather Service is of very great

SPECIAL OFFER.

while the require susserigition price for the RURAL WORLD will remain at one dollar per year, yet, in order to more than double our present circulation for the year 1900 we have determined for a brief, period to allow all of our present subscribers or the content of the period to allow all of our present subscribers or the content of the period to allow all of our present subscribers or the name of a NEW subscriber with their own for one dollar-thus grain with the part of the period to allow all of our present subscribers or the same interest of the period to allow all of our present subscribers or the same interest of the period to allow all of our present subscribers. Reaswals will not be received at the content of the period to allow all of our present subscribers. Reaswals will not be received at the content of the period to allow all of our present subscribers. Reaswals will not be received at the content of the period to allow all of our present subscribers. Reaswals will not be received at aftire or the period to allow all of our present subscribers. Reaswals will not be received at aftire or the period to allow all of our present subscribers. Reaswals will not be received at aftire or the period to allow all of our present subscribers. Two NEW subscribers of the same of the period to allow all of our present subscribers on the same of the period to allow all of our present subscribers. The period to allow all of our present subscribers of the period to allow all of our present subscribers. The period to allow all of our present subscribers on the same of the period to allow all of our present subscribers. The period to allow all of our present subscribers of the period to allow all of our present subscribers. The period to allow all of our present subscribers of the period to allow all of our present subscribers. The period to allow all of our present subscribers of the period to allow allow and present subscribers of the period to allow and present subscribers of the period to allow allow and present s While the regular subscription price for The cold wave, the severest thus far of the season, which swept over the country the early part of the present week has occasioned some anxiety as to the effect on fruit and winter grain. At this writing the temperature has not been such as to injure fruit buds, unless it be that the unusually mild weather which prevailed for some weeks previous to the cold snap developed a tenderness which would make the buds easily susceptible to cold. Fear we are willing to make this low offer. We know the RURAL WORLD is doing a grand work in uplifting the farmer, and we are more than anxious that its bene-The Arkansas State Horticultural Solits shall be extended to the widest limits, to be used and—yes, religiously, if not form force of habit, returned to them 100,000 subscribers on our list for 1900.

fines information regarding the weather which will affect favorably or otherwise the health of 70,000,000 of people and busi-

human comprehension.

The Weather Bureau is credited yearly with having saved thousands of human lives, particularly among those engaged in ocean and lake traffic, and millions of dollars worth of property on land and sea by its system of storm warnings. That by its system or storm warnings. That these warnings shall be timely and not misleading necessitates the utmost vigilance on the part of the observers of the Bureau, a faithfulness to duty and a degree of intelligence not demanded by any other branch of the Federal Service.

It is for these and other confidentions

It is for these and other considerations that a bill has lately been introduced in the House of Representatives by Hon To supply this weight of butter in tweive months would require not less than 400,000 cows, distributed on 20,000 farms, alloting to each farm 20 cows.

By the, for the most part, unlawful competition of these millions of pounds of cleomargarine, being sold largely in the guise of and for butter, and the discouraging effect upon the dairy business, there are probably 1,000,000 cows in the United States that are kept principally for raising calves for beef purposes, which but for the cleomargarine business would be devoted to dairying. And yet the less than a dozen millionaire makers of cleoand for a fund from which to pay those retired a certain per cent of the salary previously drawn. This fund is to come from deducting a certain per cent from the salary of each of the employes of the Weather Service, this to be placed in the national treasury and there held for the purpose specified.

The purposes of the bill are, we think, very worthy, and if enacted must add

very worthy, and if enacted must add

money of different denominations, rules, sponges for moistening the fingers, to the more expeditiously handle the notes, and all the paraphernalia of deak work were kept in specially appointed places and were automatically taken from them after the using. The immense amount of work being accomplished was due to this perfect system and order. The rapidity with which it was done almost made one's head swim, but closer observation re-vealed the fact that the definess with

thing in its place" plan. Here is just a hint of the leaks that occur or are liable to occur on the farm. The "bigness" of farming must be appreciated and tnen provision will be made for stopping the leaks and also for preventing them. PRACTICAL FARM PAPER NO. 58.

which much of it was done was because

of the "place for everything and every-

Editor RURAL WORLD: This is a fogdownward instead of forward and upgr, damp morning, tobacco is not in case
for stripping and we don't care much as
our stripping and we don't care much as
our stripping room stove is not set upWe don't believe in exposing to cold and
damp, just in order to say that we beat
some one else finishing up a job of work.
A single day's work in a muddy field or in
the well-being and progress of the countown one when the days are better suited
the well-being and progress of the countown one when the days are better suited
the well-being and progress of the countown one when the days are better suited
when I came onto the place twelve
Becretary of Agriculture and has success
when I came onto the place twelve
Becretary of Agriculture and his success
of stumps to plow among here;
Representative Hay, of Virginia, haste
this climate is dry and warm; I do not us
more than five cords in twelve months.
We have a fine system of irrigation and
an have water at any time of the year on
my place.

When I came onto the place twelve
Becretary of Agriculture and has success
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Representative Hay, of Virginia, haste
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When I came onto the place twelve
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my place.

When I came onto the place twelve
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to the House Committee
this climate is dry and warm; I do not us
more than five cords in twelve months.

When I came onto the place twelve
Becretary of Agriculture and the port on the A single day in the sumfower
than penetral propers of the House Committee
this climate i for stripping and we don't care much as our stripping room stove is not set up. We don't believe in exposing to cold and damp, just in order to say that we beat some one else finishing up a job of work. A single day's work in a muddy field or in a cold barn is very liable to lay a man or boy up when the days are better suited to work.

The warmly inforces Mr. Lyon's position in respect to the charace of the recitations which should be had at farmers in the letters in your valuable paper from all over the country. I was especially interested in the story of Q. Me. Bizier moving the country. AGRICULTURAL WIBOM.

Editor RURAL WORLD: If to the eye of claused judgments is a waste, neglected mind? What opportunities for brenefiting the possessor, his neighbor, his country and his age, ile fallow and unimproved. Here are energies but stimulating the growth of nolsome weeds; these the barrenness of dual had. They know not or head not the opportunities for improvement that surround them, that press upon them, nay, that solicit their acceptance of the boon of culture. How many of them have yet to learn that "any of them have yet to learn the country. From there I to cated at may night sife he odesires.

Traise all kinds of fruit—apples, peaches, pears, nectatines, aimonds, cherries of the consens issued to persons in each State. It is stated that the foregoing information among nations," and 1900 the mellow and unimproved. Here are energies but stimulating the growth of molisome weeds; these the barrenness of our land. They know not or heed not the opportunities for improvement that surround them, that press upon them, nay, that solicit their acceptance of the boon of culture. How many nights if he so desires.

Traise all kinds of fruit—apples, peaches, pears, nectatines, aimonds, cherries in the trying time that the question will receive prompt and incomplete the provided and downward instead of forward and upon the many nights if he so desires.

The many inghts if he so desires.

Trust our form the production of the trives in forming and to said the care of the boon of culture. How many nights if he so

try depend upon the farmers, and their boy up when the days are better suited to work.

I spent last week at institute work; although I am not on the regular force this season I had calls to two meetings and never spent more profitable time.

People are greatly interested in cow pess, in fact, If speakers treated on no other topic during the entire two days' meetings the audiences would listen pade ombine in the production of the results although I am not on the regular force this season I had calls to two meetings and never spent more profitable time.

People are greatly interested in cow peas, in fact, II speakers treated on no other topic during the entire two days' meetings the audiences would listen patiently and would ask hundreds of questions. The best talk I heard was from a man who began his speech in a manner which indicated that he was disgusted with the whole cow pea business and every one connected with it. He had undertaken to make his stock eat green cow peas when just past the blossoming stage. Then his sheep got into the patch and ate up the weeds never touching the

stage. Then his sheep got into the patch and ate up the weeds never touching the peas. When his crop ripened and he fed the hay and the ground peas with the best results from any feeding stuff he had ever known, he was a convert. This man said that when he fed pea hay and ground peas to milk cattle, the same amount of milk or cream, which upon other feed made four pounds of butter made five.

Most farmers in Ohio clip young clover with the moving machine in August, and the converted that the same amount of the cream which have caused a growth the moving machine in August, and the converted that the same amount of the cream which upon other feed made four pounds of butter made five.

Most farmers in Ohio clip young clover with the moving machine in August, and the converted that the same amount of the cream of the converted that the same amount of the cream of the come from the animals shadues from the statement of a percent all of the large blank of the dark passed of the control of th

two cases, but this disappeared as warm that they didn't pay." There are hosts of leaks due to ignorance of facts, and these we strive to excuse because "we didn't know."

But there is a want of knowledge on the part of many farmers for which in an and plants; no neet to buy high-oriced on the company farmers for which in an and plants; no neet to buy high-oriced on the company farmers for which in an and plants; no neet to buy high-oriced on the company farmers for which in an and plants; no neet to buy high-oriced on the company farmers for which in a didn't know."

There are hosts we attree came.

We also had a fire talk at one of our the track of rational investigation. Practical knowledge of our calling its of prime importance; observation and the adjoining county, where I have lived my life, I can't see why so many drinking out stalls and gambling devices are considered on which to build the superstructure of considered that it is a possible of the cattering of the adjoining county, where I have lived my life, I can't see why so many drinking out stalls and gambling devices are considered that it is defined to the adjoining county, where I have lived my life, I can't see why so many drinking county, where I have lived my life, I can't see why so many drinking county, where I have lived in the adjoining county, wher

and had to cultivate three years before I got any return. I built a small one-story California box house with four rooms, bored a well and got the best of cold water. Last summer I built me a modern two-story structure.

We have railroad communication handy. Also mountain water, the fall of which, when we get it in the harness we have, will generate electricity for all purposes. It will pump some of our water, run our grist mills and printing presses, light our homes and cook our food. Other unprovements of various kinds are too numerous to mantion. merous to mention. Land sells for different prices, varying

with quality and locality, from \$50 to \$500 per acre. Land is going up in price stead-ily. All branches of industry can be made prefitable in this, King County, Califorprefitable in this, King County, California LEVI N. GREGORY. King County.

PEBBLES FROM THE POTOMAC.

mental agricultural purposes and to place that portion under the jurisdiction of the in office. The bill was favorably reported weeds and cockieburs. It was anything from the committee at the last session but flattering to me. The first year I planted 40 acres of raisin muscat grapes, and had to cultivate three years before I got any return. I built a small one-story California box house with four rooms, bored a well and got the best of cold improved Entreaparties Pixes of Virginia and Committee of Entreaparties Pixes of Virginia Committee of the Aritimative Pixes of Virginia Committee of the California Committee of California Cal ture in its several and different branches including animal industry and horticulture, may be fostered and encouraged, and the practice and science of farming in the United States advanced

United States advanced.
Goat Ranch.—A goat ranch is the latest
industry in the vicinity of Winchester,
Va. Two capitalists of Maryiand have
purchased a large tract of land on
which to raise goats for their hides, which will be disposed of to a local glove fac S. F. GILLESPIE.

Washington, D. C.

a necessary part of some fairs. Out with them! If a man can not do without some-thing to drink long enough to spend a day at the county fair he will not benefit him-

FERNDALE FARM LETTER.

Editor RURAL WORLD: I desired Mr Heaton to feel that my admiration is of actual virtues, not of loose handles that may be tacked to a name, and like Mr. Phelps, if he realized the brain activity caused by his pen, he would not feel that

A beautiful thought, a great idea made to quicken the intellect, to touch the heart, to penetrate the life, is the grand-est office that can be committed to human hands. His picture of the home where the drunkard reigns supreme is very sugges-tive and common. Is there no deliverance for such women? Teach the daughter that she and man are not rivals and ene she and man are not rivals and ensemble, but co-workers and comrades, natural and mutual lovers; that her greatest duty of all is in the making of the home, which is the core and heart of the nation and the better the home, the better the nation. Teach her that for all the dear love it takes to make a man hanny and all that takes to make a man happy and all tha it takes to bring up a family of children sweet-mannered, sweet-souled, gentle and loving, she should expect and demand the ation of the husband. Every child

co-operation of the numbers. Every that has a right to be well born and should be protected in that right.

Mr. Editor, if I have not held the floor too long may I say to Bro. Rouse that the fear of appearing "simple," as he terms it, often deters timid people from gaining information which might be very profitinformation which might be very prote-able to them. I was very much interested in his display of bees, and much that I wanted to learn, but I had a through ticket and was forced to comply with the oany, hence he was spared a round of un-nitigated ignorance. L. V. M. A. Montgomery Co., Mo.

Many who have subscribed for the RU-RAL WORLD and the St. Louis "Repubite," or the RURAL WORLD and "Globe Democrat," in combination, ask if they can add new subscribers at the fifty-cent rate. We answer, yes. While there is no profit on such terms, yet the RURAL is so anxious to preach the gospel of progressive agriculture to an ever-incre clientage that it offers extraordinary inducements to get new readers, believing that the great majority obtained will re main permanent subscribers. There would California box house with four rooms, bord a well and got the best of cold water. Last summer I built me a modern two-story structure.

I would like so much to visit my old home near Springfield, Mo., but would not make a permanent change of residence. We have railroad communication handy. Also mountain water, the fall of which, when we get it in the harness we have, well generate electricity for all purposes. be more readers of agricultural papers if any time at this low price-but preferably two or more at a time. For renewals, however, the price remains at one

when the two may be received for one OUR LETTER BOX.

dellar

dollar unless a new subscriber is sent,

flubscribers will please ask their ques-tions as briefly as possible, and on a sep-arate piece of paper. Give full name and address. Answers may be looked for in the department to which they belong, in

know how to get the greatest profit from them. This thought, in connection with the need of milk for our dairy school, led the Agricultural College to purchase a head of typical western Kansas cows, which at the time of purchase were admitted to be below the average of the state. A record of a part of this herd has already been published, but since then a larger number have completed a year's record and we now have completed results from 28 head. The following table gives a summary of the results:

A YEADIS DECORAGE OF ACCOUNTS WHO WHO IS A WEADIS DECORAGE.

		YEAR		ORD C	OLLEG	E SCR	UB HE			
						Rec	eipts L		st	
No. of Cow	Milk, Lbs	Average test, Per Cent	Butter Fat, Lbs.	Cost of Feed	Butter Fat	Skimmilk, 15c Per 100 Lbs	Total	Gain	Pound	Cost of Producing Butter Fat Per
		MOS	T PRO	FITABI	E FIV	E COW	78.			
20 7	9,116 7,015 8,064 6,504 6,509	4.21 4.43 4.18 4.59 4.27	383.7 310.8 332.8 289.5 277.9	\$32.80 30.61 85.59 29.26 29.20	\$60.88 49.26 51.92 45.90 43.89	\$12.29 9.46 10.85 8.77 8.70	\$73.17 58.72 62.77 54.67 52.59	\$40.37 28.11 27.18 25.41 23.39		\$.035 .098 .196 .101 .105
Average	7,439	4.28	318.9	\$31.49	50.37	10.01	60.38	28.89		.098
		LEA	ST PR	OFITAE	LE FI	VE CO	WS.			
24	5,742 3,475 4,772 3,913 4,200 4,420	3.48 5.14 3.92 4.14 3.96 4.04	199.8 178.6 187.0 161.9 166.3 178.7	29.55 25.24 27.25 27.27 27.69 27.40	31.02 28.16 29.08 25.41 25.38	7.75 4.68 6.44 5.27 5.59	38.77 32.84 35.52 30.68 30.97	9,22 7,60 8,27 3,41 3,28		.147 .141 .145 .168 .166
		-	-	-	27.81	5.94	33.75	6.35	*****	.153
			THE D	EBT CO	NTRAC	TORS.				
5	3,583 2,903 3,730 2,141	3.79 4.13 4.23 4.74	135.7 119.9 157.8 101.5	26.75 22.89 31.22 24.43	21.39 18.11 24.34 15.30	4.83 3.91 5.02 2.88	26.22 22.02 29.36 18.18	****	\$0.43 .87 1.86 6.25	.197 .190 .198 .240
- According viii	0,000	1.10	120.7	20.00	19.78	9.16	23.94	****	Z.30	.204
28 cows	5,554 5,965	4.13 4.13		RAGES 29.86 30.45	OF HE 36.10 38.82		43.58 46.85	13.72 16.40		.130

more than cow 11 of the least profitable group, and 6,975 pounds, or 325 per cent, above lowest debt contractor. The average of the most profitable cows is 3,019 pounds, or 68 per cent, above the average of the least profitable, and 4,359, or 140 pounds, or 68 per cent, above the average of the least profitable, and 4,359, or 140 pounds. per cent, above the average of the de ontractors. The largest yield of butte fat was 383 pounds, the lowest profitab yield 161 pounds, a difference of 222 pound yield 161 pounds, a difference of 222 pounds, or 137 per cent. Comparing the largest yield with the lowest yield, we find a difference of 282 pounds, or 279 per cent. Comparing averages we find that the best cows yielded 318 pounds butter fat, an increase of 140 pounds, or 78 per cent over the least profitable, and 190 pounds, or 148 per cent over the debt contents. er cent, over the debt contractor

Under value, we have three columns. One gives the income of butter fat produced at creamery prices, another the income from the skimmilk at 15c per 100 pounds, and the last column gives the total income per cow. All these figures are interesting and instructive to the dairyman and will bear study, reflection and comparison. Perhaps the most interesting column in the table is that giving receipts less the cost of feed. Here it will be noticed that our best cow gave us \$40.37 profit, and our least profitable cow \$3.28. a. Under value, we have three columns. profit, and our least profitable cow \$3.28, a. difference in annual income of \$37.00, or 1130 per cent. In other words, these figures mean that our best, as far as dairy products are concerned, is worth 12 cows like No. 27. By adding the receipts less cost of feed of our poorest eleven cows, we have a total of \$41.63, or just \$1.26 more than the receipts from our best cow. Taking an average of the most profitable five cows, and we have receipts of \$28.89 per cow. Contrasting this with \$6.35, the average receipts from the least receipts. erage receipts from the least profitable dve cows and we see there is a difference of \$22.54, or 355 per cent. In other words, an average cow from the most profitable five cows is worth as much as 442 cows from an average of the least profitable five cows. As will be seen from the table there were four cows that run the college in debt for their feed, the average deficiency being \$2.35 per cow. Three of these cows are already sold for beef, and their con-mection with the college will be severed as soon as the Dairy Association meeting is over. The last column is also an interest-ing one, showing the cost of producing a

It will be noticed that the foregoing record is divided into four parts, the most profitable five cows, the least profitable five cows, the debt contractors and the averages of the herd. Taking up the differences in individuals it will be noticed that the best cow gave 9.116 pounds of milk, which is 5.641 pounds, or 162 per cent more than cow ill. were mined in the second year, also the yield of butter fat for this period, and the yield of butter fat for the corresponding period of last year:

PROGRESS REPORT ON SECOND YEAR RECORD.

	The second secon						
No. of Cow	Period	Butter Fat, Lbs.	Butter Fat, Lbs.	Per Cent, Increase			
28	months	83.0 85.1 114.7 129.4 48.7 131.6 194.7 155.0 142.0 85.3	164.5 140.8 186.7 180.9 60.5 163.4 216.8 162.6 139.6 80.9	98 65 62 39 24 24 21 5			
				PATRA			

possible, by proper feed and care, to materially increase the productive capacity

"A Good Name At Home

Is a Tower of Strength Abroad." This truth has been perfectly verified by the history of Hood's Sarsaparilla, which effected its first cures in Lowell, Mass., where it is made and where it still has a larger sale than all other blood purifiers. Its fame and cures and sales have spread abroad all over the world, and it is universally recognized as the best blood medicine money can buy.



the cost of producing a pound of fat in-creased to 15, 16 and 17 cents per pound. This points to the fact that it will pay the dairy farmer to raise his own feeds. For this purpose alfalfa and corn or Kaffir corn are undoubtedly the cheapest. If transmission to the control of the control o corn are undoubtedly the cheapest. It impossible to get affaifa, try red clover and soy beans. The clover is worth about two-thirds as much as alfaifa, and soy beans are richer in protein than oil meal. In addition to the 3st dairy students there beans are richer in protein than oil meal. By knowing the value of the different feeds and exercising a little forethought it is possible for the dairy farmer to grow all the feed necessary for his cows on the farmer and thus save all, or nearly all the feed necessary for his cows on the farmer and thus save all, or nearly all the feed necessary is a farmer to grow at the fine heifer calves must be treated to then fraints, then heifer calves must be treated to the horse heifer calves must be treated to the nearly farmer to growth. It is sufficient to the \$i\$ dairy students there are \$i\$ students taking the 8hort Course in all the promote fattening qualities must be defined. The cow of the future that be designed for farmers and fails the pair with rich milk will be the of that from birth has had generous variety all the feed necessary for his cows on the farmer and thus save all, or nearly all the feed necessary for heavy and t farm and thus save all, or nearly all, the

high-priced feed bills. Notwithstanding the fact that there is money in milking cows, money in raising feed for them, and prospects for a much greater profit by proper feeding, selection and breeding, the crying need of our creameries and dairies is more milk. Just at present there seems to be a tendency to quit milking cows in order to raise calves for beef. Many farmers, believing that a good steer cannot be raised on skimmlik, but that it must have whole milk and all that the cow gives. How to convince men that there is money in dairying even when beef is high is one of the problems of the beef is high is one of the problems of the day. With some men this is impossible, with others it will require a certain amount of education. The first thing to be considered is whether the farmer knows how to feed. Considering the way some men feed their cows it is no wonder they are dissusted with the dark plan. some men feed their cows it is no wonder they are disgusted with the dairy business. The best way to feed a seen the principles of feeding is to send him to the Agricultural College. If he cannot take the regular course let him plan to take the short dairy or farmers' course during the winter months. It is to the interest of every dairyman, creameryman and creamery patron in the state to see that as many young men as possible from their short dairy or farmers' course during the winter months. It is to the interest of ev-ery dairyman, creameryman and cream-ery patron in the state to see that as many young men as possible from their neighborhood shall avail themselves of he opportunities offered at this college Whenever a farmers' institute is held in Whenever a farmers' institute is held in your community it is to your interest to see that it is well worked up and advertised. Don't wait until the day of the meeting and then live in hopes that some way or other there will be a good turnout, but for weeks before the subject should be so agitated that everyone in the neighborhood will feel that he cannot

changes can the time he has accomplished and butter fat will be higher and beef lower, and he will then wish he had the experience, the growth, the development he would have had by stleking to one thing and making the most of it. What would you think of a doctor who had spent years in preparing himself who had spent years in the had spent years in the had spent y test each cow by the churn, which some lawyer sure drawing larger fees at a given time? By the time he completes his law course, likely as not, the doctors will be reaping to larger profits. In the meantime he has lost all the experience and skill he would have attained by sticking to medicine. By shifting this way from one thing to another a man will go through life medicine. By shifting the work of the deadneads will warrant a men appeared to be unanimous, and man will go through life making a failure of everything. What men need to be impressed with to-day is that they should have a specialty and stick to it. As will be seen from the foregoing figures, the seen from the foregoing figures, the seation is not so much how we can get cows of a ster kind. We want and ought to have suffer kind. We want and ought to have swe that yield so much that the farmer unnot afford not to milk them, no matter kind is the price of beef. To do this recode and the methods of men who are alking a success of the dairy business end to be brought the public. This in meetion with experiments and instruction at the college, in connection with experiments and instruction at the college, in connection with experiments and instruction at the college, in connection with experiments and instruction at the college, in connection with experiments and instruction of the college, in connection with experiments and instruction of the dairy industry.

KANSAS DAIRY SCHOOL.

Winter Term Opens With Fifty-four Stu-dents-One Woman in Attendance. Prof. E. W. Curtis, writing recently to he New York "Produce Review." has the collowing to say of the Kansas Dairy

buttermaking, bacteriology, feeds and feeding, breeds and breeding of dairy cattle, etc., are taken up and discussed in detail. At 1 p. m. each day the students report to their instructors in the cheese, butter and testing rooms for five hours practical work along their respective line of rations that promote growth, line lines.

AN AWAKENING OF INTEREST In the Dairy Industry.

Since publishing the notice, some weeks ago, that a RUHAL WORLD reader, a creameryman of experience, wanted to lease a creamery in Missouri with the privilege of buying, we have received outle a number of company data and sold for only \$21.06. privilege of buying, we have received quite a number of communications from parties who have, or know of creameries that are for sale or lease. These are located in different states. We will be very glad to inform interested parties where these are, and aid in every possible way in getting the please to running. We are in getting the plants to running. We are in getting the plants to running. We are anxious to do this because of the good effect it will have on the bommunities. Missouri is a magnificent field for the creamery business, and now is an excellent time to put it on a good paying basis. We are glad to know that creameries, cheese factories and private butter dairies are surpaine up all over the state and that

In this connection we present the fol-lowing from the "Practical D.iryman." should be so agitated that everyone in the neighborhood will feel that he cannot afford to miss it. By getting the people together in this way it would then be possible to give them instruction in the principles of feeding which so many need. Another valuable way in which the desired instruction could be given is for the creamerymen to see that the men at the weigh cans thoroughly understand the principles of feeding and can figure out balanced rations and vary the ingredients so as to cost the least. By a combination of these various methods it is possible to give great impetus to dairying from the feed standpoint alone.

But we can never expect to reach the goal in dairying until we apply more business principles to the handling of cow machines. This shifting from milk to beef. which merits careful consideration; FAVORABLE TO DAIRYMEN.-The

WOULD you rather buy lamp-chimneys, one a week the year round, or one that lasts till some accident breaks it?

Tough glass, Macbeth's "pearl top" or "pearl glass," almost never break from heat, not one in a hundred.

Where can you get it? and what Your dealer knows where and how

much. It costs more than common glass; and may be, he thinks tough glass isn't good for his business.

Our "Index" describes all lamps and their broper chimneys. With it you can always order the right size and shape of chimney for any lamp We mail it FREE to any one who writes for it. MACRETH, Pittsburgh, Pa.

The Dairy.

MAKING THE MOST OF WHAT WE HAVE.

Great by Proc. D. H. Cids at Missouri for the state time that, or H cents of the best process of gradient of the cents for the state time of the cents of the best process of gradient of the cents of the best process of gradient of the cents of the best process of gradient of the cents of the best process of gradient with the richness of a Jersey, the sweet of a pounds of butter fat was processed that the richness of a Jersey, the sweet of a pound of butter fat was processed that the richness of a Jersey, the sweet of a pound of butter fat was processed that the richness of a Jersey, the sweet of the work that covers in the received and the pounds of butter fat was processed that the received and the pounds of butter fat was processed that the process of gradient with the richness of a Jersey, the sweet of the whole bend of 38 head with the processed of gradient with the richness of a Jersey, the sweet of the whole bend of 38 head with the richness of a Jersey, the sweet of the whole bend of 38 head with the richness of a Jersey, the sweet of the work of a combination cove that gives addition to the processed of gradient with the richness of a Jersey, the sweet of the work of a pounds of butter fat was produced at it cents for a combination cove that gives addition to the producing qualities of a Hereford. But the richness of a Jersey, the sweet of the work of the cents of the pounds of butter fat was produced at it cents produced at what the farmer could of the produced at what the farmer could of the produced butter fat was produced at it cents produced at it cents produced at it cents produced at the cents of the pounds of the

ing growth with fly feeding.

bone, muscle and nerve. The foods the



THE ILLINOIS DAIRYMEN

At the recent meeting of the Illinois Dairymen's Association, says the New York "Produce Review," the convention cessful creameries, cheese factories and private dairymen showing the degres of success they are attaining, advise with representatives of communities that want une therprises established, or aid those who have plants that are not prospering to get them into the liands of parties who will infuse new life isto them.

In this connection we present the distance of the cow and differ only to the convention we present the distance of got mixed in state politics and there almost unanimously opposed to the nomination of Judge Hanecy of Chicago as the Republican candidate for governor. Hanevy in a decision some months ago declared that butter and oleomargarine are the same product. He declared that both came from the cow and differ only to the convention will be the convention of the state are almost unanimously opposed to the nomination of Judge Hanecy of Chicago as the Republican candidate for governor. Hanevy in a decision some months ago declared that butter and oleomargarine are the same product. He declared that both came from the cow and differ only to the meeting. Dairymen of the state are almost unanimously opposed to the nomination of Judge Hanecy of Chicago as the Republican candidate for governor. Hanevy in a decision some months ago declared that butter and oleomargarine are the same product. He decision some months ago declared that butter and oleomargarine are the same product. He decision some months ago the control of the same product. He decision some months ago the control of the control of the same product. He decision some months ago the control of the same product. He decision some months ago the same product. He decision some months ag from the cow and differ only in the man-ner in which they are manufactured. He held the Illinois anti-color law as uncon-stitutional, and as the Illinois law is a ccpy of the Massachusetts law which the Supreme Court of the United States has declared constitutional. The dairymen have little respect for Hanecy's decision or for him as a candidate for sovernor.

dairy interests of the state. By the above resolution it is not the intention to impugn the motives or rulings from judiciary, believing the integrity of the courts and their decisions must be upheld as they are the foundation and bulwark of our system of government.

A strong resolution favoring the 10c tax was passed and the farmers of the stat was this fact which so aroused the lo

There are still a good many men e gaged in keeping dairy cows who do n hesitate to turn their cows out of t parn on a snappy cold day and let the irink their fill of ice cold water. As drink their fill of ice cold water. As milk represser ice water can't be bear The water given the milk cows in winte should not be lower than fifty degrees and sixty degrees is much better. The milk cow should never under any circum stances be set shivering. June condition should be given if you expect June result from her.—The Dairy World.

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All druggists refund the measy if it fails
te cure. E. W. Grove's signature is on
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appoint him by trying a Sharples Free trial. Send for Catalog No. 11. The Sharples Co., P. M. SHARPLES, Sanal & Washington Sts. West Chester, Pa. CHICAGO.

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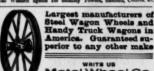




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Horticulture.

HORTICULTURAL TALKS.

a brilliant red, but too soft for snipping.
Any subscribers wanting a few plants
can get them by sending stamps to prepay the postage on them.
This reminds me of something of the
long ago. When I first went to school,
just about 70 years ago, there was a locust
grove near the school house where in
summer I could gather White Alpine

powerful agent as well as a dangerous one, unless proper care in used when handling it. But it is the "little yellow drivers" I wish to tell about. The percussion caps are about an inch long and have some mercurial ingredient in them, so that the fuse burning to it explodes the cap which sets off the dynamite. A few days ago when a neighbor and one of my days ago when a neighbor and one of my sons were here in the room with me, I sons were here in the room with me, I cause of much of our imperfect fruit.

ber for ruture generations. The quickest that the catalpa was one of the quickest.

that I have found cause to radically differ with this grand out man, the noble philanthropist. But certainly Judge Miller is mistaken in thinking a scion is a graft. It certainly requires both a scion and root or other stock worked together to constitute a graft. I quote from the highest horticultural authority in both Europe and America, vis.: George Nicholson, Royal Garden, Kew, see his Dictionary of Gardening, vol. II., page 87: "Graft, a small shoot or scion of a plant or tree inserted on an-

scions. After some correspondence, I cound that he claimed a scion to be the entire twig—the growth of the past season and not just five or six inches of said growth.

Tasked through a certain farm fournal.

and not just five or six inches of said growth.

I asked through a certain farm journal, "What is seein?" Judge Miller should have seen the answers and perhaps he did. They came from all over the country, north, south, east and west; reminding one of the older ones of his early schoolboy days, when his copy ran in this way, "Many men of many minds," etc. They were strictly on this line. Many said a sclon was a plece of wood of last season's growth, four to six inches in length and used as the top part for a graft. Others said a sclon was the entire twig or growth of the past season; still others said a sclon was a year-old tree grown in the nursery row and usually applied to the apple, and others were sar as to apply the word sclon to the off-spring of man. But I suppose none except the Sultan of Sult or some other muchly-married man, with a large harem could supply 2,000 sclons—children—on many orders. Let these exactious questions be settled in some way that we may be done with them. That Judge Miller acted strictly conscientiously, however, no one who knows him as I do will have the slightest doubt.

Lamar Co., Tex. W. W. STELL.

Sake-Weimar, in Alsace-Lorraine, Switzerland, etc., the employee of the subriveors are instructed in fruit arboriculture. In some in the read superlyos of the scale introduction of the scale introduction of the soft making wine supply such appreciated for making wine sugneris, preserves and even alcohol.

In the Tourain, plum trees dominate; while in the Allier and the Limagne, the waint trees foursing, plum trees dominate; while in the Allier and the Limagne, the waint trees foursing, plum trees dominate; while in the Allier and the Limagne, the waint trees foursing, plum trees dominate; while in the Allier and the Limagne, the waint trees foursing, plum trees dominate; while in the Allier and the Limagne, the waint trees foursing, plum trees dominate; while in the Allier and the Limagne, the waint trees foursing the subrive trees foursing the subrive trees foursing the subrive tre

KANSAS HORTICULTURISTS.

F. D. Coburn, in his paper, proved be-F. D. Coburn, in his paper, proved beyond question that the union of the
Horticultural Society with the Board of
Agriculture would be disastrous to the
fruit growing industry. He cited the state
of Texas as an illustration of agricultural
and horticultural union, in which the
fruit growers had no voice in the affairs
of the society's management.

The state of the control property of the control prope

roadside; in Germany, Belgium, and the Duchy of Luxemberg, the system has been greatly developed, giving satisfaction to the state as well as to local interests. On the routes of Wurtemberg, for instance, the fruit harvest from this source produced in 1878 over \$200,000, and last year, the return had more than trebled. The annual revenue derived from the national roads of Secons vices and the

Marbiehead, Mass., who have forty years occupied a leading position among the seed growers of the United States, have issued their 1900 catalogue. It is a book that must prove of great utility to the vegetable, flower and small fruit grower, whether his crops are for home consumption or the market. There are many new varieties shown, and some starting time. coupled a leading position among the beautiful rooms in the Capitol building ago. When I first went to school, just about 70 years ago, there was a locust grove near the school house where in aummer I could gather White Alpine strawberries, picking them out from the grass in which the vines grow. These had been brought from Switzerland a generation before by a family named Carpenter, who came from the Alpine region. These vines had established themselves where neither plow nor hoe was used. The fruit was yellowish white, sort and rather insipid, yet being strawberries than rent that I would live to see that fruit grow as large as ordinary apples.

Dynamite in Horticulture.—All know that this explosive is a great thing to aid in getting rid of stumps, and that it is a powerful agent as well as a dangerous one, unless proper care is used when handling it. But it is the "little yellow drivers" I wish to tall about. The programs consisted of reports of standing committees, interspersed with valuable papers pertaining to improvements along the line of our work, and the seed growers of the United States, have is standing committees, interspersed with valuable papers pertaining to improvements along the line of our work, and the line of our work, and the line of our work, and the seed growers of the United States, have is the valuable papers pertaining to improvements along the line of our work, and the west along the line of our work, and the west liss a ment of the line of our work, and the west liss a ment of the line of our work, and the west liss as the line of our work, and the vegetable, flower and small fruit grower, whether his crops are for home consumption or the market. There are many new a varieties shown, and some startling improvements along the line of our work, and the line of our work, and the line of our work, and the papers pertaining to improvements along the line of our work, and the line of our work, and the line of our work, and the papers pertaining to improvements along the line of our work,

ollenising all e paper product than ever, in a particularly dainty cover about fruit for 1990. Nasturtiums, New Sweet Peas and the famous "Rocky Ford," or Burpee's Netted Gem Melons, are shown in colors, painted from nature, while the book is full of life-like illustrations from photographs. Of particular interest is the new feature for 1990 of giving "plain talks" as to the relative value for different purposes of all varieties of vegetables, and which the in the affairs in the Brist in 1898. "New Creations" to colors, painted from hature, while the hook is full of life-like illustrations from photographs. Of particular interest is the new feature for 1990 of giving "plain talks" as to the relative value for different purposes of all varieties of vegetables, and which the in the affairs in 1898. "New Creations" to color, which many accurate observations and experiments indicate, is due to the complete cross-fertilization of the biosoms by bees.

Several years ago, Prof. A. J. Cook found that "trees examined in May while in bloom showed 20 bees to one of other hidden to the interest the sent of interest is the new feature for 1990 of giving "plain talks" as to the relative value for different purposes of all varieties of vegetables, and the famous "Rocky Ford," or Burpee's some by bees.

Several years ago, Prof. A. J. Cook found that "trees examined in May while in bloom showed 20 bees to one of other bloom showed 20 bees to one of other bloom, hundreds of honey bees were found at work on the apple bloom, while almost no other insects were to be seen." He then gives a table showing that apple, pear and cherry blossoms to be some by bees.

TOP-WORKING PEACH TREES.

Editor RURAL WORLD: I would like

The Apiary.

ies of bees apparently dead may b

Beekeepers and fruit growers are slow Heekeepers and fruit growers are slowly realising how intimately connected their interests are, says the "Rural New York-er." Fruit growers long contended that the honey bee sometimes made great havoc among tender-skinned fruits, like havoc among tender-skinned truits, like the grape, by biting through the skin and sucking out the juice; in some cases efforts were made to legislate the bees out of a community, as a public nuisance. On the other hand, the beekeeper stoutly contended that his bees were necessary to accomplish the proper pressure truits. accomplish the proper cross-fertilisation of the blossoms to insure a crop of fruit, of the blossoms to insure a crop of fruit and that the fruit growers often killed their friends—the bees—by spraying the trees during the blooming period. Nu merous discussions have taken place upor these points at issue. At the present time the bees have not only been vindicated but in the future intelligent fruit grow easy will generally regard themselves as

State Fair in 1899. "New Creations" of per and cherry blossoms will never oppose horitoultural education no matter where it is taught, for it is always uplifting in its various branches.

There were other valuable papers read at this meeting, among which were Gerald Holsinger's on "Blackberries and Raspberries," A. H. Griesa's on "Experimental Horitculture," and Edwin Snyder's on "Keeping Fruit." These were all instructive papers.

During the evening session there were some group of the second of the



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Mantlon this paper."

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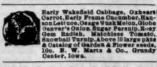




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Repeat the dressing once every other day

olic acid used as a wash on the wound two or three times a day. If pockets have

formed, drainage tubes need to be insert-ed and kept there until the trouble hears up from the inside and the discharge dis-

Live Stock.

COMING SALES.

7.—E. H. Ware, Douglas, and G. Chinas.
18.—David Jay and F. H. Wineke, Illiamsburg, Iowa. Shorthorns.
15.—J. A. Countryman & Sons, Lin-wood, Ill. Shorthorns.
11.—J. L. Patton, Panola, Ill. Po-E. H. Ware, Douglas, Ill. Po-

land-Chinas.
eb. 22.—Oliver Whiteman, Biggsville, Ill.
Sale at Stronghurst. Poland-Chinas.
eb. 22 and 28.—H. H. Harris and J. T.
Moreland, of Marshall, Mo. Sale at
South Omaha. Galloway cattle.
eb. 28.—L. M. Monsees & Sons, Smithoa,
Mo. Standard bred saddle and harness
horses, jacks, jennets and PolandChina hogs. hogs.

-C. A. Stannard, "Sunny Slope,"
is, Kan. Sale at Kansas City,

s. h. 2.—Scott & March, Belton, Mo. Sale Cansas City, Mo. Herefords. h. 6-7.—C. S. Barclay, West Liberty, a. Shorthorns. h. 14.—S. F. Wilson, Neoga, Ill. Here-

rds. rch 15.—R. B. Hudson & Sons, Carroll-n, Mo. Aberdeen-Angus. rch 22-23.—Wallace Estill, Estill, Mo.

il. Herefords.
25-36.—Armour, Funkhouser &
5, Kansas City, Mo. Herefords.
and 23.—Logan Chappell, Mt.
rd, Mo. Walter Waddell and Thos.
rr, Lexington, Mo. C. B. Swith.
W. Leonard, Fayette, Mo. HereSale at Kansas City, Mo.

AN INTERESTING ITEM Of Bent-Devon History.

r. C. D. Bent, whose interesting article "Devon Cattle in the West in the Fifpublished in the RURAL WORLD of Jan. 18, writes further as fol-

my former article on the "History of In my former article on the "History of Corn, and probably Sorgania, are ::

Devon Cattle," I failed to notice one item that may be of interest. One of the helfers brought here became a mother at 16 sheaf oats, oat, wheat, soy bean and months of age, producing a fine, healthy coalf She was milked through the latter part of the summer by an energetic daughter less than ten years of age, who will be absorbed by the other crops and the little that the control of the folders who excessive heating or moulding will be absorbed by the other crops and poor excessive heating or moulding will daughter loss than ten years or age, who did all the work in producing ten pounds of butter, which was exhibited at the New York state fair and received a complimentary premium of a silver pitcher worth \$10, and was the subject of an artiof considerable length from the pen of Horace Greeley in the New York

Methods of Feeding. Editor RURAL WORLD: There are

millions of tons of corn stalks, represent-ing 37 per cent of the food value of our corn crop, which annually go to waste— worse than waste—for the nitrogen that is taken from the stored up supply in the worth more than \$3. This bleaches, or worth more than \$3. This evaporates back into the air and is lost to the soil. The phosphates and potash are not lost but much of them is washed away in the spring rains and a large part is lost. It is safe to say that every ton of corn stalks left in the field represents a real loss of \$3.50. Think of this, fellow farmers, can you afford it?

Other millions of tons of oat, wheat, too loss of the field represents are all to so the farmers, can you afford it?

Richland Co., Ill.

trmers, can you afford it?
Other millions of tons of oat, wheat,
ow pea and soy bean straw—hay too
sarse and weedy to sell—annually rct
wun upon sloping places where the black,
uddy barn yard coffee carries other dollars worth of plant food to waste. To this add the loss in the wasteful, unscientific way we feed fodder, straw, grain and hay and we have just grounds to say that as farmers we do not get one-half of what we might if we would master the subject of how to vitalize all we raise how to feed our farm crops so as to get results that are possible and that farmers are realizing now.

Last fall I made an estimate of the tons Last fall I made an estimate of the tons of crops in one stack lot, that were useless as feed because animals could not eat it, and of that they could eat, though the latter was a poorly balanced ration and they would get but little good out of it. With the help of a table of the feeding values and pencil I found a waste of sev eral hundred dollars on one farm. What Il hundred dollars on one farm. What uild be the loss on all farms in the ag-gate? The problem was how to reduce at mass of coarse food so that animals tild eat it and get the nutritive value

We could shred the fodder, or cut it; trials with both have not been satisfac-The first left it too coarse and the animal had too much work to masticate it; the cutter left sharp ends that made the gums sore. Both made sore teeth

IDLEWILD HERD NOTES.

stock. We all know a chain is no stronger than its weakest link; many of us have than its weakest link; many of us have paid dearly to find out that a badly balanced ration is a costly leak. We are all learning that a feed rich in all food elements except one of the three—protein, carbohydrates or fat—is no richer than its provest element. But the knowledge its poorest element. But the knowledge comes slowly; wisdom is hard to acquire. comes slowly; wiscom is mire to seque.
What the up-to-date, wide-awake feeder
is striving for is to make two steers grow
where but one grew before; and we will
do it in the near future.
The skin, hair and droppings show ex-

actly the physical condition of an animal. A visit to our stable would show glossy air, soft, silken skin, firm, hard flesh hair, sort, since skin, nrm, nard ness, droppings in consistency and color very nearly like those from stock on good June pasture. Dead looking hair and harsh skin means that the blood is thick and sluggish, the kidneys over-worked, the sewerage of the body insufficient; a soft, such of the result of the property of the sewerage of the body insufficient; a soft, such is the result of the property of the sewerage of the body insufficient; a soft, mushy fiesh means too much fat or tallow in proportion to the lean meat; black, hard droppings indicate internal fever, especially of the bowels. Such animals let the most of the nutrition in the food pass through them undigested. Soft, mushy droppings carry off the food content charged with richness. The hard droppings show a want of nitrogenous, his.—R. B. Hudson & Sons, CarrollMc. Aberdeen-Angus.

a Z-Z-- Wallace Estill. Estill, Moredeen-Angus.

li-12.—D. L. Dawdy & Co., Atchison,
Shorthorns. Shorthorns.

12.—W. R. Blaughter, Salisbury, Herefords.

13.—C. C. Bigler & Son, Hartwick, a. Bhorthorns.

13.—Tom C. Ponting & Bons, Mowe-Ill. Herefords.

25.—A-mour, Funkhouser & Son, Hartwick, a. Shorthorns.

26.—Kas, Kansas City, Mo. Herefords.

26.—Com C. Ponting & Bons, Mowe-Ill. Herefords.

26.—Com C. Company C. Ponting & Bons, Mowe-Ill. Herefords.

26.—Com C. Ponting & get ready to furnish healthy meat or the oure food law will get you.

pure food law will get you.
Following are some of the advantages
this kind of feeds and method of feeding
will have over the silo: It is an admitted
fact that the silo adds nothing to the
feed; it must be filled when the crops are at certain stages of maturity, thus makat cortain stages of maturity, thus masing it impossible to properly mix or
blend the various crops; the number of
animals must bear a ratio to the superficial area of the silo, or the silage will
spoil. At the time this fodder, Kafiir
corn, and probably sorghum, are in
their prime, and at the season when the
days are long and it is not be handle it. nds no excessive heating or moulding will New result. The fine cutting and crushing will allow it to pack very solid, thus ex-cluding the air and retaining the nutrition and aroma to show later in the milk and

butter.

Our barn mows we shall make into dry silos. This "dry ensilage" will make pound for pound of butter and pound for pound of animal growth as compared with the costly silo. We have several bulletins that support this statement. A paper read before the Minnesota Agricultural Society, by Prof. T. L. Heacker, reports that therough triels in the Minnesota Exthat thorough trials in the Minnesota Ex-periment Station prove this to be true.

periment stateon prove this to be true.
We shall soon give a list of common farm crops and tables showing the proper proportions for mixing these crops for the three stages of animal growth—young stock, growing stock and fattening animals.

ROCK QUARRY HERD NOTES.

Editor RURAL WORLD: I send you the accompanying letter from a reader of your paper who saw our advertisement of Hereford cattle and wrote for description nerstore datte and wrote for description and price of a pair of calves, which we de-scribed and shipped to him for \$300. They were shipped by express, which added about \$100 more to the cost, but still Mr. Lampton is satisfied with them. Some people within 40 or 50 miles complain of a freight bill of \$5 or \$6, but such is life.

We have shipped six head during the last week, at prices ranging from \$150 to \$200 each, all bull calves but one. We have to be each, all bull calves but one. We have 100 head of all ages on hand and can satisfy the most exacting.

N. E. MOSHER & SON.

Mr. N. E. Mosher, Salisbury, Mo.

Dear Sir: The two calves arrived in nice shape this morning. They are the center of attraction in our town to-day center or attraction in our town to-day and are greatly admired by everybody. I want to confess to you that I am more than satisfied and they certainly came up to your representation in every respect. With best wishes I am.

THAD. B. LAMPTON.

Magnolia, Miss.

IDLEWILD HERD NOTES.

STOCK NOTES.

H. A. BARBER. WINDSOR MO., has for sale a choice lot of young buils of Sootch, Bootch and Bates families and he invites intending purchasers, or those interested in good cattle to call at his farm, four miles west of Windsor, which is on main line of the M., K. & T. R. R., 2) miles south of Sedalis.

SUNNY SLOPE BERKSHIRES AT ALCITION.—C. A. STANNARD, Emporis, Kan., the popular and enterprising propriet of the noted "Sunny Slope Farm, is the owner of the largest herd of registered Berkshire hogs in the world. Fifty head of the best both in individual merit and breeding will be placed before the public at auction at Kansas City stock yards on Saturday, Feb. 17. Address Mr. Stannard for catalog and watch the next issue of the RURAL WORLD for the advertisement and fuller particulars.

M. E. MOORE'S HOLSTEINS.—The great record made in the show ving at the leading fairs in the United States during the past ten years, by that sterling and up-to-date breeder of Holstein cattle, Mr. M. E. Moore, of Cameron, Mo., has placed him and his herd right in the front ranks, and made his name familiar to the breeder of Holsteins we interest of Holstein cattle, Mr. M. E. Moore, of Cameron, Mo., has placed him and his herd right in the front ranks, and made his name familiar to the breeder of Holsteins we invited by the standard of the popular and the surface of the RURAL WORLD for the second in the show ring at the leading fairs in the United States during the past ten years, by that sterling and up-to-date breeder of Holstein cattle, Mr. M. E. Moore, of Cameron, Mo., has placed him and his herd right in the front ranks, and made his name familiar to the breeder of Holsteins we invited the surface of the RURAL WORLD and heartily commend him and his stock to our readers.

HOWARD COUNTY, MO., is coming to the front as a market for buyers of the Vetrinarian for Missouri. Write questions are applied to the first future of the Morning to the form of th

HOWARD COUNTY, MO., is coming to HOWARD COUNTY, MO., is coming to the front as a market for buyers of thoroughbred cattle. Nearly every week shipments are made to some other county or state. Last week chenault Todd sold the yearling Shorthorn buil Charming Sharon to W. B. Seal of Knox City, for \$150. Later in the week a car load of Shorthorns were bought by O'Connell & Ewing of Klola, Kansas. They purchased four from Chenault Todd, two from H. K. Givens, one from Dave Geery, one from Frank Hammond, one from William Payne, three from H. C. Taylor and two from J. H. Walker. They were shipped via Bunceton, where ton head week bought from Tom Wallace.—Fayette (Mo.) Advertiser.

A MISSOURI "DAVID HARUM."—W. L.

bought from Tom Wallace.—Fayette (Mo.)
Advertiser.

A MISSOURI "DAVID HARUM."—W. L.
Green went up to Lancaster, Mo., and
bought 29 head of good nules of "Wild
Bill Hall." Mr. Green shipped the mules
to market. This man Hall is the most
noted buyer of horse fiesh in the state.
He has 1,000 head of horses now on hand.
Wonderful stories are told of his quick
deals on a large scale. One day recently
he bought \$18,000 worth of horses. It is
said that Hall looks at a horse but a moment, makes but one bid and no more,
making a trade in a minute or not at all
Last week he shipped a load of 1,700 pound
horses to Buffalo, for which he paid \$175
per head. It is said that one day recently
he bought 237 head of horses in one day.
These stories are vouched for by several
Centralians who have recently been up to
Lancaster.—Centralia (Mo.) Courier.

TWO HUNDRED HEREFORDS AT

Centralians won have recently been up to Lancaster.—Centralia (Mo.) Courier.

TWO HUNDRED HEREFORDS AT AUCTION AT KANSAS CITY.—C. A. STANNARD, Emporia, Kansas; T. F. B. SOTHAM, Chillicothe, Mo.; W. S. VAN NATTA & SON, Fowler, Ind., and SCOTT & March & March Helton, being the country of the

Read carefully the advertisement on this page.

SWINE GROWING.—Raising hogs has of late grown to be a most important branch of farming. The returns made by the hogs when properly attended to bring in for the grower a large amount of ready cash. In fact, the most profitable animal on the grown of the gro

and others. This issue alone will be worth far more than the price asked for several years' subscription to the paper.

THE HARRIS AND MORELAND SALE OF GALLOWAY CATTLE.—HARRIS AND MORELAND, SALE OF GALLOWAY CATTLE.—HARRIS AND MORELAND, or Marshall, Mo, will sell at the stock yards sale pavillon, south Omaha, Nebraska, on Thursday and Friday, Feb. 22-23, 119 head of purebred Galloway cattle, consisting of 55 bulls and 35 cows and helfers. This will include the entire herd, which is placed in public sale for the sole reason that the proprietor is so advanced in years that the proprietor is so advanced to reason that the proprietor is so advanced to warm to the too the herd that is really necessary to make the breeding of these desirable cattle a success financially and otherwise. This herd was established 13 years ago by the purchase of imported cows and using the best bulls obtainable, hence the present offering is up to a high standard, and parties desiring to start a herd or add to their herds cannot afford to miss this grand opportunity to secure some of the desirable animals consigned to this sale. For catalog giving all desired information regarding the entire offering, address Frank B. Hearne, secretary, Independence, Mo., THE RANKIN WAY.—David Rankin, of Atchison County was in St. Joseph last week. He is preparing to ship more cattle from the southern and western states to his ranches in Atchison County. Live stock has been shipped to Northwest Missouri in large numbers this winter. The Rankins have introduced a new system in feeding their cattle this year. They have about 1,000 head of western steers, which are being wintered on the road between Tarkio and Mount Ayr, Icwa, where the family owns extensive

so nearly akin to those of hydro

As spinal meningitis is due to a germ which seems to find its best development in the water of stagnant ponds, only such in the water of stagnant ponds, only such cattle as have access to this water are apt to become affected. The remedy ites in prevention; when an outbreak occurs, move the stock to a new water supply then with plow and scraper have the old pond cleaned out. If a well, have its walls whitewashed, mixing with the lime a liberal quantity of commercial carbolic. CUT WOUND.—I have a mule that got cut with a plow August 15. The cut was about half an inch wide on left hind leg above the hosts of the cut was about the hosts of the cut was been about the hosts of the cut was not the cut was not the cut was not to the cut w a liberal quantity of commercial carbolic acid—before allowing fresh water to run in. If these instructions are followed the ravages of this disease can soon be

EONE SPAVIN.—I would like to have a remedy for a stifled horse, as I have an old mare that is stifled and can find no cause for it. It came on while she was in a stable lot doing nothing.

Franklin Co., Mo. C. F. BORBERG.
Have an expert veterinary surgeon to fire the bony tumor; if properly done the horse, in a month after the operation, went to step as true as a sound horse.

ought to step as true as a sound horse. this position with a good strong bandage.

ACTINOMYCOSIS.—I have a two-yearold Galloway buil that began losing flesh
about three weeks ago. He has become
very poor. He cannot eat to do any good,
though he seems hungry all the time. We
made an examination and found in the
center of his tongue from four to six inches as hard as a piece of wood. I would
like to know what causes it and a remedy.
Platte Co., Mo. C. O. BABCOCK.
Your history gives a plain case of actinomycosis; in other words, big jaw localized in the tongue and known in Germany
as wooden tongue. This same condition

untit healed.

WORMY HOGS.—A shoat of mine has a disease of which no one in this locality seems to have any knowledge. The first syrrytom, I noticed the hogs will stand around and hang their heads and ears down and get their breath by ierks. They look sunken in the fianks, and if excited or chased it is difficult for them to get their breath. If one is caught and it struggles it soon gamp for breath. Sometimes it can't squeal, as if its throat or lungs were affected. In the last stages the hog stands on its hind feet and on its front knees, with its nose on the ground and, white foam obese out of the structule. The white foam obese out of the structule is the disease and cure for it? This disease only affects pigs and shoats. They will linger along with it from two to four weeks before they die. Usually it gets the best or average pigs.

Franklin Co., Mo. as wooden tongue. This same condition is also liable to affect any other organ tissue or bone in the body. When in its tissue or bone in the body. When in its earliest stages treatment is sometime beneficial, try the following: With a hypodermic syringe, inject into the hard place on the tongue once every other day one dram of a saturated solution of iodid-

solong with it from two to four weeks below of the tongue once every other day, one drame of a saturated solution of iodide of potassium.

LAME MARE.—I have a six-year-old mare, weight about 1,500 pounds. Last hungry before giving him the feed. This is an excellent vermifuge.

EISTULA.—I have a horse 10 years old with fistula not yet running. Will the veterinary surgeon give a remedy in your columns?

If only in the first stage the diseased tissue must be all cut out thoroughly, this leaves a clean, healthy wound which treat same as a barb wire wound—i.e., with a 10 per cent watery solution of carbolic acid used as a wash on the wound the colleges of the solution and the potential solution of the lag or foot may be the parts affected. In order, therefore, to treat the ligaments or tendone of the lag or foot may be the parts affected. In order, therefore, to treat the ligaments or tendone of the leg or foot may be the parts affected. In order, therefore, to treat the elligently, it is necessary to know the elligently, it is necessary to know the converse on the tongue on the ton

IMMUNE SOW.—I have a fine brood sow three years old which had the cholera last spring, but brought a fine litter of pigs last October. Awhile before farrowing and also while suckling the pigs, she would at times get very lame in one or both hind legs, having knots or bony looking lumps on the legs, just below the knees. What is the cause and what will effect a cure? Should this sow be kept for breeding purposes?

A. B. C. Cassville, Mo. limbs may be bathed with hot water to advantage decidedly if you catch the right spot, and no hurt at all if you don't; this

would at times get very lame in one or both hind legs, having knots or bony both hind legs, having knots or bony belowing lumps on the legs, just below the knees. What is the cause and what will effect a cure? Should this sow be kept for breeding purposes? A. B. C.

If you are satisfied the sow had genuing her for a brood sow, since our best ame her for a brood sow, since our best and her for a brood sow, since our best and her for a brood sow, since our best are cover from this disease is to render her immune as also her pigs, if she has any the bony excresences appearing on the leg are sometines due to rheumatism, for which—in the hog—there has as yet been found no cure.

STERILE HEIFER.—I have a good her from this two years old. She has given no signs of breeding. Can anything be done in such a case?

Monroe Co., Ill.

Some young female animals from physical defects in nature fall to develop a perfect overy or ovaries; this is a peculiarity of the mule and is often seen in cattlem in the medicine that it is possible nature when given her own time, will outstrip the art of man in the race for a new life.

BIG JAW.—I have a heifer coming three years old with calf which had, about two time, will outstrip the art of man in the race for a new life.

BIG JAW.—I have a heifer coming three years old with calf which had, about two the cut out and the cavities packed with fathent once. What treatment should be given her?

A. B. C.

The tump is a treatment of the case of the cut out and the cavities packed with calf which had, about two the tumps indicate big jaw. They can be cut out and the cavities packed with calf which had, about two the tumps indicate big jaw. They can be cut out and the cavities packed with calf which had, about two the proposed and was burst open. A few days later another one is every sick. Can it be older to be a consecutive of the mule and its often seen in cattlement of the proposed and was burst open. A few days later another one severy similar to indigestion for the store of the mile of the

YOUR HORSE LAME?

..KENDALL'S SPAVIN CURE... KENDALI'S SPAVIN CURE

It is the most successful remedy ever discovered, as it is certain in its effects and curses without a bleemin, as it does not below the same the same the same through through the same through the same through the same through Such endorsements as the above are a guarantee of meris. Price, \$1 at re: \$5. As a liminent for family une it has no equal. Ask your druggist for familial book free. or address.

BR. B. J. KENDALL CO., Encoburg Palls, Vt.

The best lot (numbers considered) ever offer Will He Sold by AUCTION KANSAS CITY, MO.

SUNNY SLOPE FARM, C. A. STANNARD, Emporia, Kansas. TUESDAY T. F. B. SOTHAM, Weavergrace Breeding Establishment.

FRIDAY SCOTT & MARCH, BELTON, CASS COUNTY, MISSOURI, MARCH 2d.

Feeeeeeeeeeeee

THURSDAY AND FRIDAY, FEBRUARY 22 and 28, 1900, At Stock Yards Sale Pavilion, South Omaha, Neb.,

Consisting of Thirty-Six Bulls and Eighty-Three Cows and Heifers

On account of my advanced age (75 years) and health, I will sell my entire herd of Pure Bred Galloway Cattie. Having started this herd from a few selected imported cows 18 years ago, and using only the best bulls, I feel justified in asying that in this offering, will be offered to the public generally and Galloway breeders especially, a rare opportunity of making selections of this most valuable breed of beef cattle. For Catalogs or other information, address

FRANK B. HEARNE, Secy., Independence, Mo. Or Harris & Moreland, Marshall, Mo.

Anctioneers—Col. F. M. Woods, Lincoln, Neb.; Col. J. W. Sparks, Marshall, Mo.

Marshall, Mo.

... FOR SALE ...

Ten head of pure bred Hereford Hel'ers, granddaughters of Corrector 49970. Will seu and bargain if taken within the next 30 days. Apply to R. S. MAIRS, Reger, Sullivan Co., Mo.

Peabody Shorthorns and Berkshires A few extra good young bulls from 18 months to 2 years. Also the grand Cruickshank buil.

A few extra good young bulls from 18 months to 2 years. Also the grand Cruickshank buil.

Both to 2 years. Also the grand Cruickshank buil.

Both to 2 years. Also the grand Cruickshank buil.

JUNE K. MING, Marshall, Mo.

FAMOUS DEHORNING CRAYON!

"Pasteur" Black Leg Vaccine

The original and genuine preventive vaccine remedy for blackleg. Officially endorsed in all the cattle raising states. Successfully used upon 1,500,000 head in the U.S.A. during the last 4 years. Write for official endorsements and testimonials from the largest and most prominent stockraisers of the country. "Single" treatment vaccine for ordinary stock;" "Double" treatment vaccine for choice herds.

REGISTERED—"BLACKLEGINE"—TRADE MARK.

"Pasteur" single treatment Blackleg Vaccine ready for use (no set of instruments required.) Sold in packages;—No. 1 (10 head) \$1.50; No. 2 (20 head) \$2.50; No. 3 (50 head) \$6.00. Easily applied. No experience necessary.

PASTEUR VACCINE CO., 46 Fifth Ave.
Branch Offices: Omaha, Ft. Worth, San Francisco.

INDIGESTION.—I will state a case for your Veterinary Surgeon and want his opinion. Black Morgan gelding, il years old; weight 1,169; condition good, kept in box stall; feed, corn and bright corn fodder with some sheaf oats; watered regularly from house cistern, worked during past two months about two half asys leading the control of t INDIGESTION.-I will state a case for Short-Horn Bulls Special 60 Days' Offer!

ready for service, blocky, well marked, dividuals. Write for what you want or

grain will give him his varieties in I have proved this half a dozen times in the eight years that I have owned him. Nothing else seems to so affect him, but he does not do so well on timothy or even mixed hay as on corn fodder. I have known of two other horses that were similarly affected by any wheat product.

If my treatment were not correct, piease inform me what to do in case of another attack.

50 SHORTHORN BULLS and HEIFERS For Sale. They were sired by the famous Red Butterfy 19704, Grand Victor Leonard 135847. First Outcore of the State of the Control of the State of the and the State of the Control of the State of the Cortickshank crosses. Five roans, others reds. Good individuals. For prices, etc., address W. H. H. SIZEPHENS, Eunceton, Mo

JOHN MORRIS, CHILLICOTHE, MO.

M. E. Moore's Herd of Holstein Friesian Cattle.

Cameron, Mo.

He is offering some of the finest breeding, Mechthide. Empress Josephine, Gerben. Farthenia, Abbehard. You can get butter producers, milk producers and great prise winners. Official tested cows for butter, 18 27, 100 lbs. at 3 years old to 22 26, 100 lbs. for aged cows, in 7 days.

H. A. BARBER. WINDSOR, MO.

known of two other horses that were similarly affected by any wheat product.

If my treatment were not correct, piease inform me what to do in case of another attack.

Brown Co., O.

The symptoms were those of a typical attack of indigestion. High-bred, nervous horses, with lots of endurance and yet easily kept, are, as respects the stomach, like some people in the human family; they may have good health, but because of a weak atomach that will not digest any and every kind of food, are often liable is these light of sod, are often liable is the light of sod, and the post of the peculiar construction of the horse's digestive apparatus. It means almost certain death when the horse vomits; in man it gives relief. When anything enters the stomach of the horse not suited to this sensitive organ, its fibers cease their vermicular motion and the normal outpouring of the gastric juices also stops; this gives rise to fermentation in the food—a gas is created and the horse is attacked with fatulency. To avoid the trouble, a little observation on the part of the one who feeds is necessary; commence with the food is imperfectly masticated and swallowed before that it is given before feeding. Sometimes the teeth are at fault—where they are sharp, irregular or decayed the food is imperfectly masticated and swallowed before there is a proper admixture of sallva. By continuing the observation one can generally tocate the seat of the trouble—and the kind of food or condition one can generally the water of the results of high state of the condition of the proper admixture of seal and the kind of food or condition one can generally the water of the s

SHORTHORN BULLS FOR SALE! I have a choice lot of young buils of Scotch, Booth and Bates families, and invite intending purchasers and those interested in good cattle to call at our larm, four miles west Windsor. Windsor is on main time M. K. & T. B. B., 20 miles south of Scdalla.

\$3198 OUR PIASA BIRD SULKY

Horseman.



Many farmers make a great mistake by most assessment as a great mistake by most assessment as great mistake by most mistake mistake great mistake mistake great mistake great mistake mistake great mistake great

W. P. Ijams, of Terre Haute, Ind., gave the RURAL WORLD office a call last week. Mr. Ijams is the owner of Axtell, the stallion that trotted as a three-year-old in 2:12 and that sold at that age for \$106,000. He is the sire of fifty in the list of 2:39 performers at 13 years of age. His get have great natural speed and require but little work to develop them. Mr. Ijams is president of the American Trot-ting Association, and thinks that the late



r have sores on their horses. Others tho are negligent and careless and inifferent have their horses deformed and ingraced by them. Lose no time in seuring man's most useful animal from hase shameful, cruel sores while perorming your service.

W. P. Ijams, of Terre Haute, Ind., gave he RURAL WORLD office a call last

L. E. CLEMENT'S GOSSIP.

early eighties first-class stock cattle on the ranges were worth \$30 to \$35 all round, and everybody was raising them; in the early nineties the same class of cattle were only worth \$5 to \$6 all round, and everybody quit raising them. To-day they are again worth \$30 to \$25, and may prob-

MAMBRINO, JR., AGAIN TO THE FRONT.

RURAL WORLD: Whe men but to unite on a common basis, form the United States Trotting and Pacing Association, and "sail is" and "do" the business of the country. It has been a foregone conclusion for the past decade that the parent associations were "hatching" some plan to more surely "cinch" the horsemen. In times past people have horsemen. In times past people have been known to overreach themselves. If this last arrangement is not a "case in mother

"winked at" on the "sly."
This is a "sad, wicked world," and the way of the transgresor is—supposed to be—hard. While this writer claims no particular prescience, he has the extreme felicitation of exclaiming "I told you so."

A retrospect of my fugitive screeds reveals the fact that I have all along informed the respective writers that they had their guns trained on the wrong end of the procession. They were "popping" away at the small vermin and letting the "leaders" in all the "devilment" and chicanery go "scot free," laughing in their sleeves at the "casy fashion" in which they "played" the "wise guys" of the contemporary turf press. Enough of this for the present. Some other time I may relieve my mind by rushing into print some more on this omnipresent subject.

I was pleased to learn that Doctor Buckner, 2:29%, and mate took the roadster prise at the late Kansas City horse show. The "team" is owned by G. T. Stockham of the Midland Hotel, Kansas City. They are a magnificent "pair" and this end of Missourl appreciates the distinction conferred. It has occurred to me frequently to ask why the home address of the State Weterlnarian is not published in the RU.

RAL WORLD. We had two cows die in town last winter that I diagnosed pneu-

fact that he furnishes a portion of point," then I am mistaken in my diagnosis, that's all.

There have been tirades by the thousand against the case-hardened trainer and driver, that was always "plotting against the unwary "natives," to get the "best" of them in reach! No general law is known by which this can be measured, nor is anythin known of the laws which regulate the "best" of them in reach! in great measure depend upon the greate

driver, that was always "plotting against the unwary "natives," to get the "beat" of them in a race of "split" heats. Oceans of ink have been spilled in writing up the recalcitrant "swipes," who broke all canons of racing law by leaving off the "weights" or lowering an overdraw check a few holes," or by filling the "clinches" so a "shee" was sure to be cast, or some premeditated and forecasted dire disaster should occur to the betterment of "somebody's" "cash assets and the transfer of "coin of the realm" should follow the route mapped out in advance—for the "elevation and purification" (?) of the turf.

Reams of paper have been traced by car loads of pens and pencils in "rancous rakings" of the pernicious system of "laying up"—a heat, now and then. Such brilliant and scintillating lights of the horse paper world, as the crudite and scholarly "Image breaker," the representative of the Pope of Rome—the brilliant Aurelius—thunders the anathemas of his towering intellect. The hoary but still will receive the and in the counter, not knowing how to plow a furrow, to say nothing about the horse paper world, as the crudite and scholarly "Image breaker," the representative of the Pope of Rome—the brilliant Aurelius—thunders the anathemas of his towering intellect. The hoary but still will avirile noblest Roman of them all, John H. Wallace, has worn the subject thread.

towering intellect. The hoary but still virile noblest Roman of them all, John H. Wallace, has worn the subject threadbare in futile efforts to overcome a deeplaid scheme to separate the "other fellow" from his "bundle" by a little "hocus pocus" frowned upon in the "open" by both parent associations, but "privately" "winked at" on the "aly,"

This is a "sad, wicked world," and the way of the transgressor is—supposed to be—hard. While this writer claims no particular prescience, he has the extreme felicitation of exclaiming "I told you so."

A retrospect of my fugitive screeds rediffer. Most people water before grain-







Dont Take Any Chances

WE HAVE NO AGENTS &



ELKHART CARRIAGE & HARNESS MANUFACTURING CO., Elkhart, Indiana.



GREAT SALE!

The 16th Annual Sale at Limestone Valley Farm, MONDAY, FEBRUARY 26, 1900,

east of Sedalia and 2 miles north of Smithton, Pettis Co., Mo.

ered saddle stallions, including Forrest Squirrel, the first promium three-year-old on at the World's Fair; two crotting stallions, Woodsprite 7810, son of the great Nata and Willse Willses 2:18, one of the greatest living brood mares, by George Wilkes and Willse Willses 2:18, one of the greatest living brood mares, by George Wilkes sta, most of which are bred to Limestone Mammott 298, and Olermont 115, two sons stage of the world will be supported the same of the world will be supported with the world will be supported to the supported s

⇒ELK HILL 28244€

SEASON OF 1900.

Sired by Lord Russell (brother to Maud S. 2:08%), dam by Nutwood 2:18%. Maud S. was the greatest trotter yet bred, as Nutwood is the greatest sire of speed living or dead. Terms \$25 cash or approved note

JOHN R. HEPLER, Vermont, Cooper Co., Mo.



ST. LOUIS NATIONAL STOCK YARDS THE LIVE STOCK MARKET OF ST. LOUIS.

et St. Louis, directly opposite the city of St. Lo National Stock Yards.

WILLIAM MAFFITT, CHARLES PARSONS, W. A. RAMSAY,
President, Vice-President, Sec'y & Treas

MISSOURI STOCK YARDS,

ST. LOUIS, MO.

FORMERLY UNION STOCK YARDS, : St. Louis.

listock. All of the spacking houses and dressed beef plants in 8 and here. All railroads and all steamboats unload their stock directly rinds lof Live is

W. A. RAMSAY, Manager.



restoring that pliable elastic condition of the muscles so mu desired, also cures strains of the loints and ligaments in a few hours. \$1.00 per bottle of regular dealers or by mail. Write

W. F. YOUNG, P. D. F. SPRINGFIELD, .

FOR SALE! Culmination 11698.

By Hambrino 2:2114, sire of 44—dam Ella G, dam of 4 by Geo. Wilkes, sire of 88. Will be sold at a figure that should pay him out in one season. FOR SALE—One of the best Jacks in the State; coal black, very heavy bone, sixteen and one-half hands high jack measure. Also a Montrose Saddle Stallion.

J. D. BATES, Santa Fr, Mo.

M. I. Ayres, Shenandoah, Iows, Im-presentation HORSES, 75 head on band of all ages; 35 Stallions, second to none. Will sell chesp, shost allions, second to none. Will sell chesp, shost allions, second to none.

AUCTIONEERS.

JAS. W. SPARKS, Live Stock Audilencer, Marshall, Mo. Bave been and am new booked for the best sales of cattle, bogs and horses held in America. Terms low. J. WEST JONES, LENOX, 10WA, and GAREY M. JONES, DAVENPORT, IA. General Live Stock Auctioneers.

Write before claiming dates.

R. L. HARRIMAN

Before Buying a New removing soreness and KING HARNESS COMPANY, Mfrs.

Look at that Leg! OROUGHPIN, SPAVIN and RINGSONE red with HAMER'S SURE CURE or new refunded; also Fistula, FOI Evil, under, Swessy, Distemper, Wire cuts, to bone, Curb, Warse, Splint, Collar bolls, idle soves, Sprains, Splint, Collar bolls, idle soves, Sprains, or Swellings, \$1.00 per die by mail. Send for 44-page pamphies ing the whole thing, also zumerous H. H. HAMER, Vermont, III.

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St. LOUIS. MISSOURI. WHITE PLYMOUTH ROCKS

to take up White Rocks in connect

to take up White Rocks in connection with Langshans I bought a sitting of eggs and got eleven chicks. While quite young three were accidentally killed, three were caught by "varmints," leaving only five. These I raised to maturity, two being cockerels and three pullets. One of the cockerels had white in his carlobes and he went into the reasting.

one of the coacters has write in his earlobes and he went into the roasting pan in short order. The other cockerel and three pullets were exhibited that fall and won first premium on pullet, the cockerel scored 52% and pullets from 93 to 94%. They were hatched in June, and the winter being very severe. I falled to get them

er being very severe, I failed to get them o lay until late. The first egg was laid

February 6, and up to May 6 they laid

In three months.

Having no yard prepared for them, they were confined in a room 10x6 feet and were only let out in the yard a part of three afternoons, when I kept the Langshans up. They had no special food, just what

we had on the farm, except wheat bran in fresh meat, green cut bone, or gree food except the refuse from the vegetables when being prepared for cooking From those 130 ergs, laid while the pullet

chicks, with several dead in the shell.

yes; most emphatically. While the W Rocks possess all the general charac istics of the Barred Rocks, the constition and consequently the utility have been bred out of them for the sak color. No matter how good a laye Barred Rock is, if she is not the precolor she must go; of course I refe the breed, as bred by fanciers, and from the fanciers that we get our foation stock. Personally I am a g

ne breed, as bred by fanciers, and it is room the fanciers that we get our founation stock. Personally I am a great dimirer of the Barred Rocks, but I have either time nor money to breed them, one is raising market fowls, then he and on o better than to breed White tocks. The little chicks grow and feather apidly, making splendid early broilers, and at maturity they make the nicest apearance as dressed fowls I have ever een. I believe the day is not far distant when they will be our most popular valety. MRS MARY I. SINGLETON. Wellsville, Mo.

A Happy Mother

Frolicking with her baby makes one of the prettiest spectacles ever seen in the home. But nothing is sadder to see than the unhappy mother, weak and nervous, striving in vain to hush the cries of her weak and nervous babe. There can be no happiness for

T. Com

either mother or child without health. Doctor Pierce's Favorite Prescription "has done wonders" for many a woman, by restoring her health and open-ing for her the way to happy mother-hood. This really wonderful medi-cine is not a cure-

wonderful medi-cine is not a cure-all. It is a prepara-tion specially de-signed to cure dis-eases peculiar to women. It dries

debilitating drains, heals inflammation

and ulceration, cures female weak-

Prescription

years my health was very poor; I had four miscarriages, but since taking Dr. Pierce's Favorite Frescription and 'Golden Medical Discovery,' I have much better health, and now I have a fine healthy baby."

NOW!

For Eggs!

sefore eggs fall in price get all you can rom your hens by feeding them

Sheridan's

Powder

IT COST US \$4,000 Conta 150

ust 180 eggs, an average of 60 eggs api n three months.

sat and wrote the record of the year, Marred with the stains of many an idie day; When a stern angel who was standing

many things I have to put to

ingel whiter than the snow ar and spoke a message to

Waste not thy time in grief for work regrets thy passing days ennot bring again the year

God hath given thee another page. Written for the RURAL WORLD.

A MORNING CALL. Some time ago I wrote a note expressive f sincere sympathy with our dear Madge Ienaugh, in the loss of her closest and est friend—her mother, but, from some

ause, the letter was not sent. I hope sorrowful Madge will accept the athy, late tho' it be, in coming, for I know what the dear old mother was to her, and realize what she has lost. Madge is a brave woman, and though much trouble has fallen athwart her pathway she has borne a smiling face and strug-gled bravely on. God bless her, and give er strength to face this new bereavement ith her own beautiful faith and patience with her own beautiful raint and patience. I think of her, often, and often, and wonder if her paths are leading her into pleasanter places. We miss her pen work in the Home Circle. She is illy spared. Could she not come to us again? There are many hearts of the old band aching er graves of their household, and from

over graves of their household, and from every one of them, I know, goes up a prayer for poor, lonely Madge.

From all sources come letters to me, saying, "Our holidays were quiet. We had little heart for feasting. From each home some dear one is gone—not always dead, but no less gone, for the world has playing the son or the daughter and there ed the son or the daughter and there ant chair.

not untinctured with sadness, however. The boy came home from his far-away post and the little daughter sang again through our long empty rooms. There es also another "mother's boy" spending his first Christian.

Now, home, and we had a chair for him. Now, our boy is far away to the westward—i.500 miles away from the old home. Our hearts go with him, and in fancy we hear the throbbing heart of his locomotive engine as it plows its way through the mountain passes of Southern Now Mexico, and the complete more kindly. "You's got a good heart, youngster; that's evident; I'll tell yer, it's more'n a lot of others has. Have yer done well to-day, my lad?" ding his first Christmas far from

the first time in five years our band of four sat together at Christ-

nas dinner.
Our girlie does not care for books. She is thoroughly domestic, and delights in culinary affairs, so I suppose her school ended. We are glad to have

so of a "genuine good time" in travel-There is no kind of traveling so real-nealthful and enjoyable, if one does mind a few trivial inconveniences. I am so sorry that you must give your home. I have taken quite an inest in that home, from your first let-You are a brave, courageous sister. I hope all will yet be well.

I am so sorry that you must give ''No, youngster, I hain't any more. I used ter have, but all my little babies is dead, my ol' woman, too; an' yer can be proportionally the proportion of the proportio And I am so sorry that you must give

interest in that home, from your first letter. You are a brave, courageous sister,
and I hope all will yet be well.

O, no! it's not quite so bad as "eight
rooms and not a carpet in the house, or a
blind to a window!" How stupid of me to
so misstate my belongings! If I had less
rooms and fewer carpets, I think I should
extern the "limitations" for I would the "limitations," for I would wash off a nice floor any time than sweep a heavy carpet. I do have a few curtains up, too, and to every win-dow there is a shade, but my sitting room, tining room and kitchen windows are all full of plants!-every one of them-and for every bit of sunshine they get. On cold nights, the shades are can get. On cold nights, the shades are drawn down between their shelves and the frosty glass, but by day they are rolled out of sight. My beautiful plants are all the screens I want for my many windows. You should see my two yellow canaries flitting about among them, or canaries flitting about among them, or else, perched upon a leaflet or branching plants, pouring out their little souls in the sweetest songs! Yet I would give all the houses my husband holds deeds to for a farm in the Ozarks. I am tired of this useless, aimless city life.

useless, aimless city life.

Now, as to that poet's dinner. Nina, did you not know it "takes a thief to catch a thief?" Did you, for a moment, imagine that one who is complimentarily called a poet, herself, did not know that the average poet does not dine on rosc-leaves? In my capacity as a one-time edteaves; in my capacity as a one-time el-tior, I have met scores of poets, and I know every one of them sends in large, sensible orders to his or her grocers! We all like Ella Carpenter's letters, whether we hope to see her "wonder-

land," or not.

Mrs. Mary Singleton, please answer
"here" to this roll-call. We miss you. If you do come to see me, I shall try to pilot you across lots to a little home not so very far from my house, in which your long missed "Mollie Maples" lives! Now,

If you do come to see me, I shall try to pillot you across lots to a little home not so very far from my house, in which your long missed "Mollie Maples" lives! Now, is not that a good "bribe?"

The RURAL WORLD grows better and better. I wish the editor would let me tell why, but that blue pencil is merciless. But "I know something."

Louise Miller, do bring the grandchildren and tell us of your Christmastide.

Garnet, please answer the roll-call.

St. Louis.

IDYLL

Fruit Cake.—One and a half cupfuls sugar, the same of butter, one-half cupful of sour cream, the same of butter, one-half cupful of sour cream, the same of molasses, two eggs, one-half teaspoonful baking powder, three cupfuls flour, one cupful of raisins, the same of currants, the same of watermelon preserves, one teaspoonful each allsplic, cloves, cinnamon, and half a teaspoonful of grated nutmeg. This is cheap and very good indeed.

POULTRY POINTERS.

TOULOUSE GANDERS are offered at bargain, bargain prices by L. G. Jones, Towanda, bargain prices by L. G. Jones, Towa

Written for the RURAL WORLD.

"Gee whiz! but it's cold!" came the em remark from a rosy-faced, red-little fellow, as he stood on the corner of crowded Broadway, with his bunch of papers thrust under his arm and his fists jammed in his overcoat pockets. Yes, he was fortunate enough to have an ercoat: he was not the type of newsboy overcoat; he was not the type of heavely who strikes pity to one's soul, for upon his head was a warm cap drawn over his ears—the aforesaid overcoat, while shab-by, looked warm and comfortable, and his feet were encased in a pair of heavy-

"Gee whiz! but it's cold! Gee whiz! out it's cold!" the boy repeated several imes. He seemed for the moment to have forgotten to call instead, the usual rou-tine phrase, "Post, Star and Chronicle"— 'Post, Star and Chronicle here.'

A bright, dainty little lady, turning the A bright, dainly fittle lady, turning our orner from Olive street on to Broadway, boked inquiringly at the urchin, believing he child was addressing her. But as he epeated the phrase again, and seemed inconscious of the fact that she was bserving him, she passed on, as he called, Door, Star and Chronica, Poot Star and Post, Star and Chronicle,-Post, Star and Fost, star and Chronice;—Fost, star and Chronicle here." Two men stopped and bought papers from him, one of them leaving the boy standing with a dime in his hand, the man answering:

"Keep it, my lad, keep it," when Jim coulted after him. "Government here"

alled after him, "Say, mister, here is

our change. "That's a brick of a fellow, the only one who hasn't waited for his change. That makes—let me see!" and he made a rapid calculation in his mind, of his earnings for the day, "just \$1. My! but this has been a big day!"

"Here, kid! give me a 'Post.' " "Yes, sir; haven't any left. Oh, yes!

"One dollar and one cent now. many papers have I got left? one, two."
"Say! you feller, there! look what yer
doin', I hain't no pavement, even if I

hain't got no legs."

Jim looked down where the gruff voice ome from, and was surprised to see he had come very near tumbling over a lump of humanity—a, broad-shouldered 'plece of a man,' as Jim afterwards described him. He certainly was only a piece of a man, for his two limbs were cut off to the hips, and there was only a stump where his left arm should be

"Oh! you poor man! I beg your par don," said Jim, courteously, as he tipped

from her errand, stood near observing this little scene. She thought the boy most refined looking, so watched and listened in "Don't you 'poor man' me.

"But—but—really, I didn't mean to step on you. I—I—I didn't see you." "No, I guess you didn't see me; that was very evident." "But, sir! did I hurt you?" asked Jim

"Yes, sir! bully, you bet your life. The little lady shook her head in per-

The little lady shook her head in per-plexity; this boy seemed naturally so re-fined, yet in what a coarse manner he was talking. Somehow she was attract-ed, pussled and deeply interested in this child, who seemed so familiar, yet so strange to her.

chays are ended. We are glad to have her bright young face, and hear her tuneful voice singing about the house.

Nancy, you have our strongest sympathy in your trouble. Having just nursed a trippied husband through a year's helplessness from accidental injuries, I am thoroughly competent to feel for you. Ido not know, but I half envy you your wagon trip, and I heartily endorse your ideas of a "genuine good time" in travelings. There is no kind of traveling so realise. his head on one side in a semi-tough r ner, and concluded his question wink.

"Have-hain't yer got any-no home?" "Oh, yes! a sort of home."
"Are you going to have any Christ-nas?"
"Wall, I reckon not much of one."

Jim took off his cap, scratched his head and gave a low whistle, put on his cap again, looked down at the cripple who again, looked down at the cripple who was leaning against the building now, where the two had gone to escape the jostiling of the passing crowd—and simply said: "Why?"

"In the first place, what do I want a

Christmas fer, all by myself? Then, if I did-I hain't got no money.

"You are."
"You are you?"
"Now, youngster, 'pears to me, yer
mighty 'quisitive. What does yer care?"
"Just this much, I want to divide with
you, if you are."
"Youngster, yer, a good 'on, you are, but

"Youngster, yer a good 'en, you are, but est keep yer stuff

"Oh, sir! but my mamma doesn't need it—oh-a—that is—she doesn't need it half as bad as you, besides I've plenty for her



and you too. I've earned \$1.01 to-day; arned 5 cents yesterday; then, before hristmas, I have two more days, so you ee I'll be rich. I took the quarter home esterday, but I've got the \$1.01 here. low, then." as he counted out his

yesterday, but I've got the \$1.01 here. Now, then," as he counted out his money, most of it in pennies, "you take this 50c." "Youngster, I really orten't to, but I'm dreadful hungry. It was a bad day, when I had more'n half my body taken from me, braken' on the railroad; thank yer, youngster, thank yer," and he grasped the lad's hand tightly in his only remaining one. "Well, now, mister, don't thank me; just tall me where you live, and maybe I'll try Standard can be obtained by address ing the Secretary, Theodore Sternberg

ell me where you live, and maybe I'll ome see you sometime." Jim wrote the come see you sometime. Jim wrote the address the cripple gave him on a slip of paper and tucked it away in his pocket. Jim, seeing a probable customer, scurried away, leaving the cripple to go his tewas Billy Briarwood who asked some who knows to give the good points of th White Plym White Plymouth Rocks; and as I has been breeding them for several years believe I understand them as well as mor people. We will not discuss their beauty that is conceded by all. To give the good points I will just simply tell my ow ous way alone. Our little lady, with a us twinkle in her eyes, stepped

nischievous (winkle in her eyes, stepped ip to the cripple and said: "Please accept this with Christmas greeting," and before the cripple could thank her, the lady was lost in the crowd, ret he said with swelling heart, "Thank rou, miss." He was surprised, when he restigated, to find he was the possessor e dollar bill, all his very own.
s some good people, after all," he
. MAUD C. WESTBROOK. St. Louis.

(To be continued.)

ANOTHER VACANT CHAIR.

Editor RURAL WORLD: These are cloomy days for the writer, for Nov. 18, laid my husband to rest. After years of suffering and nine days of intense pain his scarred and broken heart was at rest. or him this is best, but for those left is gloom and sadness. The struggle for e, ill health and bereav to battle for themselves was enough to break our hearts. However, the omni resent hand of God is ever over the widow and the orphan. We know there is a time when the broken heart will be healed when God shall wipe all tears from our eyes. There shall be no more sorrow, or crying or pain. What consolation is this to those who know only sorrow and weep-

have since found them equally as good layers, but have never kept a record, since the first winter. Usually the White Rocks do not commence to lay as young as some other varieties; but this winter I have a pullet hatched the first of July that commenced laying the last of December. The reason I have gone into details in regard to show record is to show what one can do with one sitting of eggs.

I am often asked if I think White Rocks superior to the Barred Rock. I answer, yes; most emphatically. While the White Rocks possess all the general characterhave since found them equally as go Take from us faith in the ever present help of God and the hope of Christ's kingdom on earth and you take our life. We could not in our weakness fight the battle of life but for this precious com-

as to the integrity of my husband. Men whom I never met before when calling on them to make business settlements, speak in warmest praise of his honesty. These are worth more to my children than much realth, where the never is translated by realth where the name is tarnished by lishonorable acts. "A good name is to be desired above rubies.

mrs. M. E. WARREN.
Cherokee Nation, I. T.
The touchingly beautiful and simple story of the bereavement of Mrs. Warren—the heaviest that could befall her—stirs ur inmost soul. Her sorrowing soul manifests a courage that is sublime. May the louds that hover so darkly over her eathway be dispersed by the dawning of orighter days and the light of peace be

Poultry Yard.

ORDERS AD. CONTINUED.

Editor RURAL WORLD: I want to add ny testimony as to the value of the RUmy testimony as to the value of the KU-RAL WORLD as an advertising medium. My poultry card in it has brought me in-quiries and sales from all parts of the country-more than any other medium I ever used, and I have ordered my advertisement continued beyond the time ontracted for. A. C. TOMB. Eureka, Ill.

STUDYING FLOCKS.

Editor RURAL WORLD: Le Roy Cardner writes of chickens that look like the Dominiques that are claimed to be Plymouth Rocks. It is surprising how few peoknow what a Plymouth Rock chicken is or any other thoroughbred chicken. I don't know that I ever saw a full-blooded Plymouth Rock until I ordered some eggs last spring. As for the other birds, I don't know anything about them, only by descriptions in poultry literature.

Not long ago, a lawyer called at my place and seeing the chickens I had raised from the common fowls, he went to prais-Editor RURAL WORLD: Le Roy Card-

from the common fowls, he went to praising my Plymouth Rocks. I told him these were not more than haifthat these were not more than haif-bloods, but that I had some full bloods from eggs I had purchased. Soon more of the half bloods came in sight. He said, "Those must be some of your full bloods." He had been ordering eggs of full stock Plymouth Rocks and had hatched some chicks from them. He either did not observe closely enough or thought anything showing Dominique blood was Plymouth Rock.

Plymouth Rock.

As to pleasing the eye, those half breeds will take the praise of the inexperienced. I picked the best birds from flocks of part Plymouth Rock and mated them with common hens. I mated the pullets from this breeding to male birds that I know were not more than half breeds, culling out all with Dominique characteristics until I have a flock of birds that are indeed beautiful. The bars on many of them run nearly in stripes around the body. I know these birds are not full stock, although they will please the eye of anyone who likes beautiful feathers. I can see a difference in the shape of those I ordered and those I raised. Some of those I raised have creats like some of the Plymouth Rock and mated them with those I raised have crests like some of the original stock. I shall cull these out.

MRS. M. E. WARREN. Cherokee Nation, I. T.

POULTRY POINTERS.

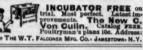
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rays to the front. I showed twenty birds in hot competition of 216 at Missouri State Shot, Mo., December 4 to 9, 1899 Won lat and 2d Cookers! score 93, 83% respectively; It is Pullet; is breeding pen 185 9.16. Sweepstake over American class. 2nd on yearlish, a. It don't take "Mumber" in such competition to wis, but it takes "Quality" and that raise. 20 extra fine cockerels for sais. Also M. B. T. ms and Pullets at reasonable prockeding in seasons. \$3.00 per 9 or 80. M. B. Turkey aggs, 83.00 per 9 or 80.







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'QAKWOODS'! POLAND CHINAS

DUROC-JERSEYS.

Rose Hill Herd of Duroc-Jersey Hogs. A shoice lot of gilts bred for March pigs and early spring boars for sale; all from large pro-lific sows. Prices right. S. Y. THOENTON. Blackwaler, Cooper Co., Mo.

Duroc Jersey Sows in farrow, large and growthy and finely bred. J. W. Killam, Shelbyville, ill.

Duroc-Jerseys Of the best strains. Everything guaranteed as represented. S. G. RICHARDS, Sturgeon, Mo

Duroc Jersey and Berkshire Hogs! Extra breeding. Satisfaction guaranteed or you may return at my expense.

S. C. WAGENER, Pana, Ill.

\$10 BERKSHIRES \$10 For sale—a nice lot of pigs by Artful Star No. 50089. A few bred sows sale with, for March and April farrow. The best of pigs and the best of breeding. Come and see or write me.

A. I. MOSS, Mt. Vernon. Illinois.

LARGE BERKSHIRES! All ages, chesp. BNGLISH BERKSHIRES! All ages, chesp. J. E. BURGESS, Macedonia, Phelps, Co., Mo.





tion, Chief Perfection, Black Chief, Gold In. Chief, Hawkeye Chief, L.'s Tecumseh, Look Me Over and others, and safe in pig to I Am Perfection, the Illinois State Fair sweepstakes boar in 1899, and Chief Perfection 2nd, the grand boar that won at the same fair in 1897. Remember the date and place and that free entertainment to all parties. Those who reach Galesburg the evening before the sale will tree at Asilegron Hatel just proposite the

and add water until the meat is all covered. Let stand for about five or six weeks and then hang up to drain for a day or two before smoking. We always use the hams first, as they are thicker than the becon and will not keep so long. The bacon will keep all summer in a perfectly sweet condition. Probably large hams would ave to have the bone removed to keep through the summer. However, we have not tried taking out the bones, as the jums keep as long as we care on the jums keep as long as we care of the summer. For a hog weighing from the jums keep as long as we care of the summer, for a hog weighing from the jums keep as long as we care of the summer, for a hog weighing from the jums keep as long as we care of the summer, for a hog weighing from the jums keep as long as we care of the summer, for a hog weighing from the jums keep as long as we care of the summer, for a hog weighing from the jums keep as long as we care of the summer, as the jums keep as long as we care of the summer.

NEW POINTS IN PIG FEEDING.

Presented at the annual meeting of the Kansas Improved Stock Breeders' Asso-clation, by J. G. Haney, of the Kansas Experiment Station, Manhattan, Kan.) Over 275 head of pigs have contributed to the data now on hand, and have left is some very satisfactory results. The

Improved Chester Whites

For sale. 2 good July male pigs. also one of my hard boars. This is choice stock and will be sold at the close of the trial. The lot fed alfalfa hay in addition to the Kaffir meal, made an average daily gain per head, of only .83 pounds, and were not in a marketable condition at the close of the trial. The lot fed alfalfa hay in addition to the Kaffir meal showed an actual gain due to the influence of the hay of the spounds of pork per ton of alfalfa hay. With pork at \$3.50 per hundred this gives us \$30.33 per ton for alfalfa hay. With pork at \$3.50 per hundred this gives us \$30.35 per ton for alfalfa hay. But the close of the trial. The lot fed alfalfa hay in addition to the Kaffir meal, made an average daily early sail to the Kaffir meal showed an actual gain due to the influence of the hay of \$85 pounds of pork per ton of alfalfa hay. With pork at \$3.50 per hundred this gives us \$30.35 per ton for alfalfa hay. But the fact the hogs fed Kaffir alone had to be given an additional period of feeding before they were marketable feed for hogs. Under exactly the same conditions as above menales of the provided that the close of the trial. The lot fed alfalfa hay in addition to the Kaffir meal, made an average daily early sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal, made an average daily sail on the Kaffir meal showed an actual gain due to the influence of the hay of the close of the trial. The lot fed alfalfa hay in addition to the Kaffir meal, sail on the

tioned one lot of ten hogs was fed fourfifths Kaffir meal and one-fifth soy bean
meal, and in a period of 50 days made a
gain of 866 pounds, while a similar lot recelving Kaffir meal alone made a gain of
but 441 pounds and ate only 463 pounds
less feed than the other lot. The lots
weighed exactly the same at the beginning, were the same class of hogs and re-

the lot receiving Kaffir corn alone, gave expected.

These ELECTRIC FEED GOOKERS

and prices. Electric Wheel Co., Box 74, Quincy, III.

To cure hams and bacon.

Editor Rural World: The meat should be weighed first. Then take six pounds of salt to 100 pounds of meat and two or three ounces of saltpeter. After I have the salt and saltpeter well mixed and pulverised, I pack the meat in a barriel as tight as possible, then sprinkle on some of the salt, put in another layer and some of the salt, put in another layer and cow peans and cow peans

to Kaffir corn.

These facts are appreciated by those who know that such feeds as alfalfa, soy beans, etc., tend to produce more lean meat, insure a rapid growth in young

Experiment Station, Manhattan, Kan.)
Over 275 head of pigs have contributed to the data now on hand, and have left us some very satisfactory results. The feeds fed were those adapted to the greater part of Kansas, namely Kaffir corn, now beans and alfalfa hay with corn as a comparison.

Kaffir Corn.—We find that Kaffir corn in practically, as good a feed for pigs as corn. In actual feeding value corn has alout 20 per cent the advantage, but when the yield is taken into consideration the balance is strongly in flavor of the Kaffir corn as the following: Corn during this period has averaged 345 bundels per acre, which if fed to hogs, would produce ordinarily 401 pounds of pork. Kaffir corn during the pounds of pork.

We find that a combination of feeds is better than a single feed, though the feeds be practically the same. Corn and Kaffir corn during this period has averaged 45 bundels per acre, which if fed to hogs would produce ordinarily 401 pounds of pork.

We find that a combination of feeds is better than a single feed, though the feeds be practically the same. Corn and Kaffir corn during this period has averaged 45 bundels per acre, which if fed to hogs would produce will not be the pounds of pork. The corn during the feed in the feed is period that it is an aboute detriment to apply water to it except just to mind the feed in the feed

head.

Good Care Pays.—The hogs also respond very appreciatively to careful handling, kind treatment and regular feeding. The hog in its habits is very much superior to what it gets credit for being. When fed so that they know they will get all they want every time they are fed and are fed regularly they seem to lose many of the so-called hoggish qualities and become quite mannerly. They are generally the last to receive attention and are often expected to eat what is refused by all other animals on what is refused by all other animals on the farm. Little attention is usually giv the farm. Little attention is usually giv-en to their feeding or sleeping quarters, 51. and when thought of at all the thought 52. goes the water or swill in a dirty trough 53. or the corn in the mud. At one time the 57. hog is burned up on corn and at another 63. expected to develop two or three extra stomachs, necessary to subsist entirely stomachs, necessary to subsist entirely on a forage diet. With such treatment it is no wonder that the little bacillus of cholera finds them an easy victim. The constitution of the hog is something won-derful or it would not stand what it does. Feed the hogs some alfalfa hay, soy

We are sure RURAL WORLD reader will be pleased to hear from the gentle men in reference to soy beans and co-peas as food for hogs. Let us have an ar

THE L. G. JONES POLAND-CHINA SALE.

L. G. Jones, Towanda, Ill., had a very successful sale at his farm on Tuesday, January 17. Breeders were present from different parts of the state, and one from

EDW. BURROUGHS' SALE.

One of the most successful sales of Poland-Chinas held during the year was that of Edw. Burroughs at his farm near El Paso, Ill., on Wednesday, Jan. 18. Notwithstanding the deep mud and the continual downpour of rain, the people came from far and near and the roomy tent was well filled. The stock was even better than the people expected and the bidding was spirited from the start. As will be seen by the following list of purchasers, the stock was nearly all bought by Illinois breeders, many of them young men starting herds or adding new blood to their herds:

No. Name.

Price.

Name.

J. L. Patton, Panols, Ill.

Spring Brook Stock Farm Arlington Heights, Ill.

A. G. Woodbury, Danville, Ill.

A. G. Woodbury, Danville, Ill.

A. G. Woodbury, 25

A. G. Woodbury, 25

A. G. Woodbury, 25

A. G. Woodbury, 41

J. L. Patton 40

J. L. Fatton 40

J. R. Griffith, Clear Creek, Ill. 40

J. L. Fatton 40

J. L. Fatton 40

J. R. J. W. Kirkston, Grand Ridge, Ill. 40

J. N. Wilson, Lastant, Ill. 40

J. W. Kirkston, Gridley, Ill. 40

J. W. Ki Name. Pr J. L. Patton, Panols. Ill..... Spring Brook Stock Farm Arling

J. Barrack
V. Burroughs, El Paso, Ill.
V. Burroughs, El Paso, Ill.
V. W. Wilson, Sugar Grove, Ill.
Ridinger
J. M. Andrews
E. Darnell
Blair J. Blair
Wm. Burroughs
John VanDevender, Lexington, III.
Rainey Miller
John Burroughs

PIG PEN POINTERS.

J. H. WAGENECK, Enfield, Ill., writes:
"I am getting good returns from my advertisement in the RURAL WORLD. My hogs are in good shape. I have 30 fall pigs ready to ship that are good ones, and I will sell them at reasonable prices. My herd boar, Black Protection 48236, is for

THE HOG TAMER put on the market by W. I. Short of Lewiston, Mo., should have its merits tested by RURAL WORLD readers. Mr. Short has, during the past year, made sales of this "Hog Tamer" in its states, and has received no complaints. It has been greatly improved wood cut block and an improved knife, which make it complete as to convenience, non-injurious to the hog and most effective in preventing rooting.

He writes us that he can chestfully recommend the RURAL WORLD as a first-class advertising medium, and would not think of making up his list of papers without including the grand old RURAL WORLD. Mr. Shorts' advertisement will be found in another column of this issue. Write him for full particulars. DOUBLE THE FOOD VALUE

One becard from grain fed to live stock if it is cooked. It is
note easily digressed and assimilated by the minimal stomeck.

FLEGTRIC FEED GOOKERS.

The Shepherd.

DELAINE SHEEP WANTED.

Editor RURAL WORLD: Will yo point value of and inform peription of and inform potain the Delaine sheep? What is an average clip of wool? WARREN T. SCHEETZ.

Referring the foregoing letter to Mr L. E. Shattuck, secretary of the Missour Sheep Breeders' Association, he replies as

large, smooth, with a mutton form an most satisfactory combined mutton is wool sheep raised. When well fed mutton brings top prices. If carried of the wool pays. They inherit in Merblood great hardiness and rustling quittes. They have a dense fleece of we with staple 2½ inches to 4½ inches length, that commands the highest mean value. different parts of the state, and one from Minnesota, while there were mail bids from other states. The offering was the best in individuality and rich breeding that Mr. Jones had ever put in a public sale, and he expects to make it still better another year: He has recently added to his herd some sows of the best breeding and bred to the most prominent boars of the country.

The following shows purchasers and prices paid: Gentry Co., Mo.

IS A DOG LAW "CLASS" LEGISLA-

Editor RURAL WORLD: In a report the meeting of stockmen at Sedalia.
"Modern Farmer" thus noticed our
article on "Legislation in Reference
Dogs," as it affects the wool-grower.

"The paper on legislation with referent to dogs was rather one-sided, as such pers are apt to be. Some men seem to pessessed with the idea that law is cure for everything, but there are a many laws now in this country in the treat of a procedule classes only." interest of special classes only."

Here is one who presumably speaks with authority and not as the Scribes with authority and not as the Scribes; but in our sore strait we took courage when we read the speech of Gov. Colman. He did not seem to think that a law to protect the flocks of Missouri from anni-hilation by worthless curs should, neces-sarily, be termed class legislation. What oleomargarine? Where will "Moder Farmer" be found when the plain people of this country confront, with serried ranks, the trusts and combines, who by the favor of "class legislation" are threat-ening to control the commerce and manu-facturing of this country? "Some men," it seems to us, would do well, in these strings to look up their hearings. stirring times, to look up their bearing but, Messrs. Editors, if we owe you apology for taking so much space in ye

WHY THE DOG SHOULD BE TAXED

Editor RURAL WORLD: In these days of taxes it may seem absurd to attempt to tell why the dog should be taxed. It ought to be unnecessary. Horses, cattle of property, and almost every occupation or privilege of trade. Yet the owner of this property in domesticated animals, imitating the habit of his proteges, absolutely whines over a tax upon his dog and wags a vituperative tongue, at the makers and executors of the law.

Dogs are property, and therefore taxable. The doubt of this fact, which some dogs are property, and therefore taxable.

able. The doubt of this fact, which some dog owners entertain, is only proof of the general uselessness of most of them. If a dog proves to be of the least utility, his owner finds no difficulty, in case of his maltreatment or "canicide," in getting damages for his property in the animal. A bear or a wolf may be kent, and also A bear or a wolf may be kept, and also becomes property, and the owner or showman who keeps either is taxed; and if allowed to trespass upon the grounds or property of others the proprietor is liable for damages.

While the dog is property, the utility of such property is limited, and its excessive distribution gives scope to the wild or predatory element of the race, and it becomes a nulsance, a constant trespass.

comes a nulsance, a constant trenpass apon the rights of citizens to be abated, and, if the necessity of the case demands

and, if the necessity of the case demands it, exterminated.

The dog may, then, be taxed as simple property, or his keeping be licensed as a matter to be regulated and restrained by law. Nor does a state constitution, which

choices made them an easy victim. The long and received exactly the same care in feeding.

Str. on the same care in feedi



American **Field** & Hog **Fencing**



THE FENCE THAT FENCES.

AMERICAN STEEL & WIRE CO., Chicago or New York. Poland-Chinas of Most Popular Strains

Percheron Horses, Shorthorn Cattle, Shropshire Sheep, and Fancy Poultry. Stock for sale at all times at very reasonable prices. I can suit you.
Write me for Catalog and prices. R. D. BURNHAM, CHAMPAIGN, ILL

BARGAINS IN BERKSHIRES AT SUNNYSIDE!

100 head to spare at reasonable prices. 10 boars ready for service. A nice lot of yearli sows, either open or bred. We can suit you in price and quality. Write us at once. HARRIS & MCMAHON, Lamilee, Mo.

Established IOWA BANNER HERD, DUROG JERSEY SWINE, SAY BOYS: IF YOU are wanting a strictly choice Git bred to a carefully selected male, I solicit your inquiry an inspection. I am prepared to supply constoners with as good as I ver bred to according to the supply continued to the supply supp

BURGESS BROS., BEMENT, ILLINOIS, Will sell a few choice sows bred to

T. C.'s U. S. and some pigs of different ages sired by T. C.'s U. S. Prices reasonable. Write us for what you want.

POLAND-CHINAS at very reasonable prices and of the best breeding. Registered stock. Write for prices J. H. WAGENECK, Enfield, Illineis



SNODDY'S HOG CHOLERA SPECIFIC

Cures 85 to 97 per cent of Cholere infected herds, prevents 100 per cent. Test just made in oldo the cure of the cured. Recommended by leading veternarians and agricultual journals at the cure of the sick hog on the label. A new book [ree, Address of the cure of the cur

MISSOURI'S BLACK CHIEF 19399s Heads my herd, assisted by A's Chief 31014s and Model Boy 18545. A limited number of approved sows will be taken to breed to M. B. O. at 525 tos. A few choice sows and gilts for ease bred to either of the control of

FINE BERKSHIRES

Of the best families at farmers' prices. Write for what you want, or what is better, come and inspect the stock.
W. H. KER, Prairie du Rocher, Illinois.

POLAND-CHINA BOARS, 8 to 18 months old by the Great ourself of the Chief of the Chi Also gifts, yearlings and matured sows either bred or open. Tell us what you want and we can suit you and the price HEDGES & SON, Pana, Illinois.

THE GERMAN HOG CHOLERA MEDICINE. This is the only medicine that has ever been discovered that absolutely cures and p choices among hogs. Its merits, as a remedy for hog others has proved more satisfact the people than any that has ever been tested. This, not only guarantees satisfy from that a large revenue over and above took of medicine as a fat producer. Fed to brood sows an action of the producer of the prod

"Invincible, Unsurpassable, Without a Peer,"

Writes a regular subscriber, who has read it for many years, of the Twice-a-Week issue of the

St. Louis Globe-Democrat andthis is the unanmous verdict of its more than half a

andthis is the unanmous vertice of its more than hair a million readers. It is beyond all comparison, the biggest, best and cheapest national news and family journal published in America. It is STRICTLY REPUBLICAN in politics, but tis above all A MEWSPAPER, and gives ALL THE NEWS promptly, accurately and impartially. It is indispensable to the Farmer, Merchant or Professional man who desires to keep thoroughly posted, but has not the time to road a large daily paper, while its great va-riety of well-selected reading matter makes it an INVALU-ABLE HOME AND FAMILY PAPER.

Two Papers Every Week. Eight Pages Each Tuesday and Fridsy One Dollar For One Year. Sample Copies Free.

GLOBE PRINTING CO.,
ST. LOUIS, MO
Rurel World and Globe-Democrat-Either Address, \$1.25 Net.

It is common for winners over the dos tax to ask why the community should not be taxed to pay for the ravages of the weevs, the fly, the aphis, mice, etc. These absurd suggestions are acknowledgements of the rightful outlawry of dogs. If these pests should be taken up by man, petted, LABEL

now and harvest. They are intended for sheep feed.

The common field pea, or Canada pea, when sown with oats, and the crop cut early, makes a good food combination and an abundance of excellent forage for sheep. The seeding is best done with a drill, using two bushels of oats and one and one-haif bushels of peas to the acre.

The crop may be feel green by cutting or The crop may be fed green by cutting, or by means of hurdles without cutting. It may be cut early and made into hay or allowed to mature, then harvested and threshed, feeding the straw and grain sep-

in part to pay the damage occasioned by PROTECT THE LAMBS

Greatest food on earth for sheep, cattle and swine. Salzer's catalog tells also about Million Dollar Potato, and is mailed you with 10 Farm Seed Samples for 10 postage. John A. Salzer Seed Co., I Crosse, Wis.

NOTHING BUT COMFORT.

allowed to mature, then harvested and threshed, feeding the straw and grain separately.

Do not confound this field or Canada the Frisco Line.

COTTON

WE CAN'T DO IT

The Markets Stock Yards.

seef steers averaged stronger, and the best catlewere considered about 10c higher. Butcherows and helfers were promptly cleaned up on
veck's good, healthy feeling. Canner cows figred 10c lower.

Representative sales: Pr. No. Des. Av. Pr.
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No. Des at al-Agreed. To arrive shock-field—Received 134 cars local agh. Lower, but more doing trik. No. 2 sold at 13½ to 1 c. No. 2 yellow 250; No. 250; t. Charles at 33½c. tet—Received 66 cars local and and, with right fair demand. and 250; No. 3 go, at 12 white at 26c; No. 3 go, at 12 white at 26c; No. 3 go, at 10 cm ale and demand. mate, too. Grade No. 2 sold at 62%c. able at 510.

ED—Quiet, but steady; offerings and all. Bran salable 85. trk, at 850 for bulk 830 still bid, as it is excretionable at 50 to 10 Prices on 'Change.

citizen than when he is only a renter. Of course, there are exceptions to all rules.

We can't practice illinois or lows methods of farming here. We must adapt our methods to the surroundings. This is do not considered about 10c higher. Butcher considered about 10c higher. Butcher and helfers were promptly cleaned up on time basis and stock cattle maintained last were considered about 10c higher. Butcher and helfers were promptly cleaned up on time basis and stock cattle maintained last material and the stock of the surroundings. Wrist the first term of the stock farming and fruit country. Fruit will be given more prominence when a railroad is built through here. Wrist there are acceptions to all rules. We have had the stock farming and fruit country. Fruit will be given more prominence when a railroad is built through here. The mere discoveries of lead and since there may be a considerable mining industry in the near future in this country. The chief advantage here is the mild elimate, with freedom from severe blissands and excessive heat. Stock does not require expensive shelter from the weather. Now, I am not writing this to boom the country, but to tell the RURAL WORLD then the first term of the properties of lead and since the pr readers where they can find cheap homes.

Taney Co., Mo. PERRY HARPER. AN OKLAHOMA LETTER.

citizen than when he is only a renter. Of course, there are exceptions to all rules.

We can't practice illinois or Iowa methods of farming here. We must adapt our methods to the surroundings. This is strictly a stock farming and fruit country. Fruit will be given more prominence when a railroad is built through here. Fruit buds went into winter in good shape, so we can expect a good crop this prover discoveries of lead and sinc. Wright Co., Mo.

ARKANSAS LETTER. Fixing Prices-Curing Meat-A Smoke

Editor RURAL WORLD: First of all, we, that means all of us, wish you and then the readers a prosperous and happy New Year. May the good old RURAL WORLD for many years to come go an in its educational and elevating influences, thus bringing propagity and happings. thus bringing prosperity and happiness to old and young, as there is something od in every issue for every member of the family.

Mr. J. Bethune's letter in a recent is

Mr. J. Bethune's letter in a recent issue hit the nail on the head and sent it a long way. How many will profit by this in the coming year and say, "I will fix my price on my butter, eggs, poultry, fruit," etc., etc.? Instance after instance I could name when a dealer in produce in Chicago, when I had to pay for certain brands of butter which I knew came from Wisconsin, Randolph Co., but never could find out who the shipper was; and how well I remember the number 2, but never any name. It was Cooley creamery butter and I always paid for it the price of ter and I always paid for it the price of the best of Eigin and could never get enough of it. Did the shipper get the Eigin price? I doubt it. Cheese and eggs were the same. I bought from the com-

_

More than 40,000 of our Weeders now in use. Does this mean anything? We expect our sales in the year 1900 alone to crowd these figures. Why? Listen, please:—Material used in manufacture of implements has advanced fully 100 per cent. Your dealer will ask you largely advanced prices for all implements. If you doubt this, call on him.

TAKE NOTICE-Hallock's Success Weeder will be sold at the same old prices-not one cent advance.

WE SOUND A NOTE OF WARNING.

Practically every one of them would buy in the year of the 40,000 who now own one. We have decided may just as well have practically all of the, "Weeder To secure it, we have decided on prices that are o bring it. Just write and see if you do not think so



Let us repeat:—It is an absolute fact that the price of all implements has advanced from 25 per cent. to 50 per cent., but Hallock's celebrated Success Weeder will be sold at the old prices. Trade always follows where our Weeder is introduced, therefore, to get this trade, we will quote SPECIAL PRICE to first purchaser. Remember we are the Weeder people and have the price that sells.

D. Y. HALLOCK & SONS, Box 832, YORK, PA.

and smoke with hickory wood. Try this, for such meat is fit for a princess to eat.

I would suggest that you never have the fire in the house where meat is hanging, but build a small fire place outside, run but build a small fire place outside, rundrain pipe or any sort of safe flue into the smoke house and you will note results with satisfaction. The cooler the smoke when it reaches the meat the better. For such meat any farmer can create a market, for people are always ready to buy something good, even if it is a little high.

Constant Co. Ark. a little high. Crawford Co., Ark.

TOBACCO AS AN INSECTICIDE.

Editor RURAL WORLD: Just a word or two in favor of tobacco as an insecticide. I am convinced that the Parson's immunity from bedbugs is caused by habitual use of the weed. I sold drugs for 20 years, and sold many nackage of her 20 years, and sold many packages of bed-20 years, and sold many packages of bed-bug poison, yet never anything that would beat tobacco smoke or juice. I never re-member being bitten by bedbugs but once. I was trying to sleep in a hotel bed, but was driven from the bed long before time to get up. My neighbor and I were on our way to St. Louis. Neither of us used to-bacco. Had we been smokers and knew way to St. Louis. Neither or us used to-bacco. Had we been smokers and knew what I now do, we would have smoked them to death and have gotten several hours more sleep. I now live on a farm and use tobacco,

not to chew or smoke about the house, but to kill the ticks and lice on my fowls and stock.

This month I will celebrate my sixtieth This month I will celebrate my sixtleth birthday, and yet these three score years do not rest heavily on my head. I laugh some and try to take things easy, have a comfortable home and small family of five—wife, two sons, my maiden sister and myself. We like the RURAL WORLD myself. We like the RURAL WORLD and think Parson Heaton's letters spicy. My wife consults the RURAL WORLD on all matters of domestic economy. She is a successful poultry raiser and gets many valuable ideas from your paper. I was raised on the farm and have come back to spend my remaining days trying to farm. spend my remaining days trying to farm.
My experience reminds me of the words of
Solomon, "Train up a child in the way he
should go, and when he is old he will not

should go, and when he is old he will not depart from it."

The new railroad now being built from Eldor, Iows, to St. Louis, will come in sight of our house, and when it is completed I would like to make a trip to Iowa and try the latch string of the Parson's door.

door.

I have a new Faber No. 3, presented to me by the head clerk of our general store,

and if I can write with it to interest the Smike House Clace to build flue

means a bad job and slow death. wood asnes in the water and a surprising-ly clean job will be the result. This meth-od of killing I have tried for five years and shall continue until a better method

After hogs are cleaned and cut up in or three days apart. Hang up to dry



his letters will be interesting to RURAL WORLD readers.

Montgomery Co., Mo. We trust Mr. McMahan will use the

Faber occasionally, for we doubt not that

WORLD readers.

The Page Woven Wire Fence Co.,
Adrian, Mich., have for nine years past
issued a paper called "The Colled Spring
Hustler." The name has been changed to
"Page Fence Age," but it is the same
"Hustler" as ever, devoted to the interests of Page Woven Wire Fence, and
full of information concerning it. It will
be sent free to any farmer who asks for be sent free to any farmer who asks for it. We can assure our readers that it is worth sending for. Ask also for their "Blue Folder," which gives complete de-scriptions of the different styles of Page Fence. When writing, please mention this paper.

THE IRON MOUNTAIN SHORTENS

SHEARING MACHINE.

Stewart's Patent.

Price, \$15,00.

The only Sheep Shearing Machine every invented. The day of the cold fashioned based bearing Machine and Galveston. Through Pullman Buffet Sleeping Cars will be operated on this train from St. Louis to San Antonio, and reclining chair car service to Dallas and Fort Worth. A delightful feature of this train from St. Louis to San Antonio, and reclining chair car service to Dallas and Fort Worth. A delightful feature of this train is the daylight ride along the Missanon. Be busenes and fort Worth. A delightful feature of this train is the daylight ride along the Missanon. Be busenes and through the beautiful Areadia days. Send for large illustrated circular.

Chicage Fissible Shaft Ce 1888-80 Huren St., Chicage 1888-8

Of All Kinds to Raise the Best Vegetables, Grass and Flowers.
Stock Peas, Clover and Seed Potatoes, Onion Setz.
Poultry Supplies and Insubators.
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it adds to the interest to compare the ancient with such modern sorts as the Profit and Iowa Silver Mine, which now Front and lows Silver Mine, which now stands at the head of the list. The low Silver Mine has produced marvelous—al-most unbelievable crops. In lows it wor the first prize with a crop of 215 busheli per acre. In Illinois it entered into comper acre. In Illinois it entered into competition with almost all other known varieties and the State Agricultural Source of State o

year, if they request it when ordering.

The January number of the "American Illustrated Methodist Magazine" is excellent, and sets a high standard for the year 1800. A biographical sketch, "James Russell Lowell," by Will Foster, is given from the participation of the property of the standard for the year 1800. The standard from photographs of Lowell at different times in his life, and of his old home in Cambridge, Massachusetts. Fublished monthly by the Methodist Magazine Publishing Co., 223 North Second street, St. Louis, Mo. One dollar a year.

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Saw Wish Smalley or Battle Greek Wood Naws. More money to be made with our saving outlies that with any other implement you can buy. Silf FEED Park 14M2—5 1815. Oircular or cut off, itelace: also Bolding or Freed Mills. Every machine or the same of the same





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uciss Tigoto. Geess 5c. Live pigeons 75c SEED FOULTRY—A good demand at full We quote: Scalded and undrawn, with mid feet on: Turkeys—Choice light, \$685c; heavy 7c; chickens, choice and fresh 75e savy and rough \$605c; cousters 44c; ca-c; ducks, choice 74,084c; geess 63cc. Full-and scalded with heavy and rough content 5c; ducks, choice 9605c; gees Rough, thin, frosen, cold-storage and stock normality less than above figures. S—Choice to fancy at 55,68c per 18c; choice 7605c; gees for the first of the first of

quicable at 182%c: thin avec and nucks 203%c. Choice fat spring lambs to per lb; thin and poor 26.

HDES When sold round: Grean-salted—Mischell Hilber Wie and the poor 26.

HDES When sold round: Grean-salted—Mischell Hilber Wie and Southern \$8,000. Dry fillst—Choice Texas 13%c; and Southern \$8,000. Dry fillst—Choice Texas 13%c; and severage Texas 13%c; and the severage 14%c; Mississippi and Alabama 18c; dry salted 14%c. When sold on selected 100.

The severage of the severage 100 cm 18c; No. 2 Ifc; buil 13%c. Chills and gue index 10c. Dry salted—No. 18c; No. 2 Ifc; buil 13%c. No. 2 16c. Dry fallen 11%c per 1b, less than No. 2 cm 18c; No. 2 Ifc; buil 13%c. No. 2 Ifc; built 13%c. 2 Ifc; built 13%c. No. though making some mounts.

MULE quotations (for broke mules 4 to 7 years old):

14 hands, extreme range \$25.00 to \$55.50 to \$45.50 to \$

SOUTHWEST MISSOURI. On the Southern Slope of the Ozarks. Editor RURAL WORLD: There seems

BY TO TABLE THERE.

THE TENDENT OF T to be a misunderstanding about the character of this part of the "Ozarks," judging from letters which I have received from some RURAL WORLD readers.

Taney county is in the breaks of the White River, which runs through the county. The country is pretty rough and broken, deep hollows with steep hillsides, but covered with grass and timber. From but covered with grass and timber. From 10 to 100 or more acres on a quarter section can be cultivated, the rough land making good grasing land. Vegetables of all kinds grow well, and all the grasses do very well, including al-

do. fat at 456955; yellow at several less. SWEDT POTATOES—Firm. Home-grown sold at 65676c per bu, for Bermuda and fic for Nansemond. On orders dealers of the first per bu, for Bermuda, if for Nansemond. falfa.

About all the government land is taken, without your assistance, but have always made a strong effort to turn the attention of legitimate homeseckers in this direction. It is being done by honest statets as to real advantages of this rets as to real advantages of the rets as to rets

and get themselves a home. Or this reund at great expense. Will you help
this work by furnishing list of pero whom it might be well to send
le printed matter? Address Bryan
, G. P. A., Frisco Line, St. Louis,

It is my belief that where one owns a
home he is a better neighbor and better

the load. It was in several the highest markst the load. It was in several the highest markst as a series of the last several weeks a series of the last several weeks as a series of the last several weeks and last several weeks a

1806 to 1828. Southern horses—Common to zood to 1828. Southern horses—Common horses and calling to 1829. Southern at 182 to 1829. The market last week closed in good shape, as far as the clearance went, and, considering that values had been on a lower beats. Div. Monday's market was not very quick to develop activity, although some sales were made during the forencon. It was generally a steady basis with sales last week, so far as selers market levers. The supply on the commission more discount to the supply of the supply of the supply of the commission more discount to the supply of t upon is what is shot, and venison, quail, squirrels and turkeys are cooked in different styles and put before the hungry eaters in the most tempting manner.
Great fires are built before the tents every
evening and the forests are lit up for a
long distance around. Then hunting
stories, songs, violin music and jolly good
times take place until bed time, when all
retire to the tents and are soon in the

retire to the tents and are soon in the arms of Somnus. WRIGHT CO. (MO.) NOTES.

Editor RURAL WORLD: So far we have had no winter to speak of, with but very little snow, but it is a good thing for the farmers here, as feed is not plenty. It is not taking half the feed it did last winter. I have a flock of sheep that have been living on meeding and re-pastive. een living on meadow and rye pasture and are in good shape. The prospects are that the acreage of fruit trees will be inthat the acreage of fruit trees will be in-creased to quite an extent this spring. This "springlike" weather the past few days has started several farmers to plow-ing. General improvements seem to be the order all over the country, and only from a certain few do we hear of hard times. It is generally a man's own fault if he has "hard times," for if he will only put his shoulder to the wheel, and then push hard, he will get out of "hard

off close last fall, on account of shortness of feed, and the fear of another winter like that of '98 and '99. Rough feed does not seem so scarce, but the farmers are holding on to it very closely. Hay is seven and seven-fifty, and some at six dollars per ton, in the farmers' hands, owing to the distance from market. Sheep are in demand and scarce. Hogs are also rce, but what there are have done well

fasten that around one of the hind legs, pull the hog up high enough so that the front feet just touch the ground. Then grab one of the front feet or the ear and stab right in the heart so that the bright readers of the RURAL WORLD, will dered blood will flow freely, dark blood scalding put a small quantity of hard-wood ashes in the water and a surprising-

pieces lay them on a long table to drain dry and cool. Take for every 100 pounds of meat five pounds of salt, three pounds of soft brown sugar, 1 ounce saltpeter, ½ ounce red pepper, mix and rub every piece with this thoroughly all over, at three or four different times, about two three or four different times, about two

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